

SUBMIT IN TRIPLICATE*

(Other instructions on reverse side) Form approved. Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.

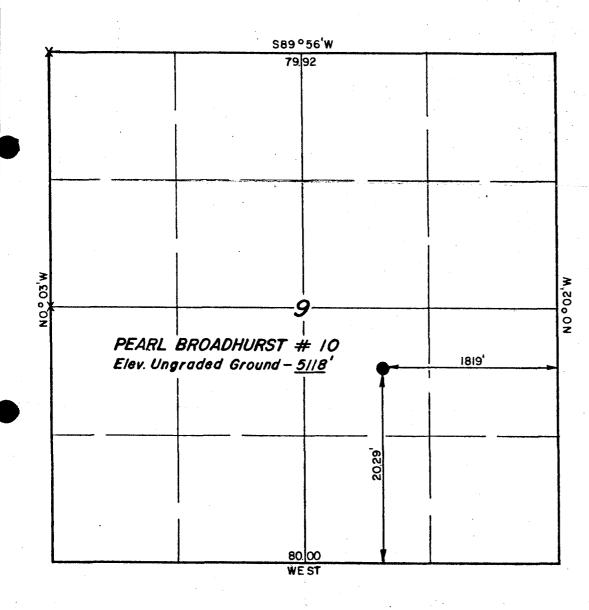
U-02651-A

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. TYPE OF WORK 7. UNIT AGREEMENT NAME PLUG BACK DEEPEN [DRILL X b. TYPE OF WELL MULTIPLE ZONE S. WARM OR LEASE NAME SINGLE WELL X Pearl Broadhurst 2. NAME OF OPERATOR 9. WELL NO. Energy Reserves Group, Inc. 3. ADDRESS OF OPERATOR 10 10. FIELD AND POOL, OR WILDCAT P. O. Box 3280, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface Walker Hollow SEC., T., R., M., OR BLK AND SURVEY OR AREA At proposed prod. zone 2,029' FSL & 1,819' FEL (NW/SE) Sec. 9, T7S-R23E
12. COUNTY OR PABISH | 13. STATE 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Utah Uintah 14 miles South East of Jensen, Approx. 17. NO. OF ACRES ASSIGNED TO THIS WELL 16. NO. OF ACRES IN LEASE 15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1,280' 40 2,029' 20. ROTARY OR CABLE TOOLS 19. PROPOSED DEPTH 18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 5,500' 1,399' Rotarv 22. APPROX. DATE WORK WILL START* 21. ELEVATIONS (Show whether DF, RT, GR, etc.) Dec., 1980 5,118' Gr (Ungraded) $\overline{23}$. PROPOSED CASING AND CEMENTING PROGRAM SETTING DEPTH QUANTITY OF CEMENT WEIGHT PER FOOT SIZE OF CASING SIZE OF HOLE 500. Cement to surface 8-5/8" 24# 12-1/4" 5,500' Sufficient to protect 7-7/8" 5-1/2" 14# Green River Formation Energy Reserves Group, Inc. proposes to drill the referenced well as described on the attached plan of operations. APPROVED BY THE DIVISION OF OIL, GAS, AND MINING DATE: 12-16-80 DIVIC IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug Dick, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout presenter program, if any. preventer program, if any. TITLE Field Services AdministratorDATE Nov. 26, 1980 SIGNED William J. (This space for Federal or State office use) APPROVAL DATE _ PERMIT NO. -DATE _ TITLE APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

T7S , R23E , S.L.B.&M.



X = Section Corners Located

PROJECT

ENERGY RESERVE GROUP

Well location PEARL BROADHURST #10 located as shown in the NW1/4 SE1/4 Section 9 T7S, R23E, S.L.B.& M. Uintah County, Utah.

CERTIFICATE

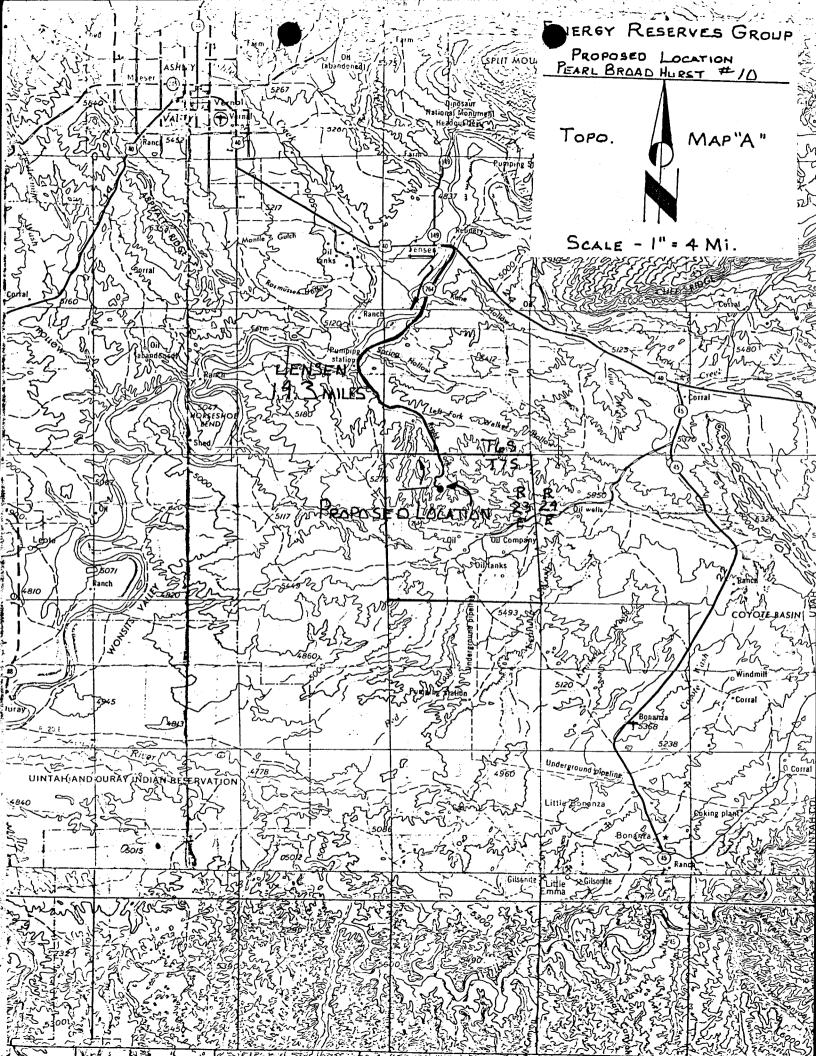
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION Nº 3154

STATE OF UTAH 🥢

UINTAH ENGINEERING & LAND SURVEYING
POBOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	ı"	=	10	0 0,	DATE II/20/	/ 80		
PARTY	GS	GS	SH	FO	REFERENC G L O	ES Plat		
WEATHE		V.CI	andu S	inawina	FILE	RESER	VF G	PAH



ENERGY RESERVES GROUP

13 Point Surface Use Plan

for

Pearl Broadhurst #10

Located In

Section 9, T7S, R23E, S.L.B.& M.

Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach ENERGY RESERVES GROUP well location Pearl Broadhurst #10, located in the NE½ SE½ Section 9, T7S, R23E, S.L.B.& M., Uintah County, Utah; proceed Easterly out of Vernal, Utah along U.S. Highway 40 - 13 miles to the junction of this highway ant Utah State Highway 264; proceed South along Utah State Highway 264 - 8.6 miles more or less to the junction of this highway and an existing improved road to the Southeast; proceed South along this road 5.7 miles to the proposed location site.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where the road exists to the Southeast; thereafter the roads are constructed with existing materials and gravels.

The aforementioned dirt oil field service road and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

The highways mentioned above are maintained by State road grews. All other roads are maintained by county road crews.

The roads that are required for access during the drilling phase, completion phase, and production phase, of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

There will be no planned access road. The existing road goes to the location site.

3. LOCATION OF EXISTING WELLS

The Walker Hollow Oil and Gas Field is within a one mile radius of the proposed location site, therefore there are many different kinds of wells within a one mile radius. See Topographic Map "B" for the approximate location of these wells relative to the location site.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are ENERGY RESERVES GROUP tank batteries, production facilities, oil gathering lines, gas gathering lines, injection lines, or disposal lines within a one mile radius of the location site.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES - cont...

The proposed flowline will follow the existing road to the North and will then run to the West to an existing tank battery.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bull-dozers, graders, and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that water for this well will be hauled by truck over existing roads from a facility located near Well No. 3.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

Construction materials for this location site shall be borrow materials accumulated during construction of the location site. There are no pit lining materials anticipated, however if it is determined that they are required the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

7. METHODS FOR HANDLING WASTE DISPOSAL - cont...

If deemed necessary by the agencies concerned, to prevent contamination to surrouding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location Layout Sheet.

The B.L.M. Representative shall be notified before construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

10. PLANS FOR RESTORATION OF SURFACE

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed the location site shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and perfomed in a diligent and most workmanlike manner, and in strict conformity with the above mentioned Item #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 15 miles to the West of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstones, conglomerates, and shale deposits are extremely common to the area.

The geologic structures of the area that are visible are of the Uinta formaiton (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternay Period.

Outcrops of sandstone ledges, conglomerate deposits, and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy-clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) type soil.

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the area is only 8".

11. OTHER INFORMATION - cont...

Due to the low precipitation average, climate conditions, and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in; it consists of areas of sagebrush, rabbitbrush, some grasses, and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area. (See Topographic Map "B").

ENERGY RESERVES GROUP - Pearl Broadhurst #10 is located near the bottom of a non-perennial drainage which runs to the North into the right fork of Walker Hollow.

The terrain in the vicinity of the location slopes from the South through the location site to the North at approximately a 4% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Bill Fiant ENERGY RESERVES GROUP P.O. Box 3280 Casper, WY 80602

1-307-265-7331

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and that the work associated with the operation proposed herein will be perfomed by ENERGY RESERVES GROUP and its contractors and sub-contractors in conformity with this plan and terms and conditions uner which it is approved.

•	
Date	Bill Fiant

Thentilleation obview no. 142-of	Identification	CER/EA	No.	142-81	
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United States Department of the Interior Geological Survey 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICA	rion
Operator Energy	Reserves Group, Inc.
Project Type Oil	Well Drilling
Project Location _	2029' FSL 1819' FEL Section 9, T. 7S, R. 23E
Well No	Lease No. <u>U-02651-A</u>
Date Project Submi	tted December 1, 1980
FIELD INSPECTION	Date December 15, 1980
Field Inspection Participants	Greg Darlington USGS, Vernal .
-	Ron Rogers BLM, Vernal
-	Ray Radke Energy Reserves Group
	Durrell Karren Energy Reserves Group
	Leonard Heeney Ross Construction
Related Environment	tal Documents: EA 331-80 Unit Resource Analysis,
Bonanza Planning	Unit, BLM, Vernal
guidelines. This	e proposal in accordance with the categorical exclusion review proposal would not involve any significant effects and, there-cesent an exception to the categorical exclusions.
December <u>16</u> , 1980	Gregory Darlington
Date Pre	epared Environmental Scientist
I concur	
. Dat	District Supervisor

Typing Out

12-16-80

Typing In

PROPOSED ACTION: (Lease No. U-02651-A)

Energy Reserves Group, Inc. proposes to drill the Broadburst #10 well, a 5550 foot test of the Green River formation for oil. At the onsite, the possible alternative of moving the location 200 feet northwest was considered and rejected. The proposed location was accepted with the understanding that the road would be rerouted through the pad and the reserve pit would be built on the existing buried water line. Durrell Karren told us that the surveyors had spent an entire day figuring out how to minimize cut and fill at the location. A location pad 185 feet by 315 feet and a pit about 65 feet by 150 feet would be required for the location. About 200 feet of new access would be required to reroute the road through the pad, 315 of this on the pad. This new road would have an 18 foot driving surface and adequate drainage ditches. Thus, area of new disturbance of about 1.8 acres would be required for this location.

RECOMMENDED APPROVAL CONDITIONS:

Drilling should be allowed provided the operator agrees to incorporate the following measures into the operating plans and APD and adhere to them:

- 1. Lease stipulations
- 2. BLM stipulations
- 3. Furnish suitable logs for the identification of other potentially valuable minerals (such as oil shale) as requested by the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: December 15, 1980
Well No.:
Lease No.:
Approve Location:
Approve Access Road: with proposed rewet outlined in APD
Modify Location or Access Road:
Revorte creates an 90° corner which is partially
observed to traffic coming from wells 9, 11, 12, 13 and about
3 other Energy Reserves wells. Every Reserves are generally the only wells for which this road is used.
wells for which this road is used.
Evaluation of Criteria for Categorical Exclusion
1. Public Health and Safety
2. Unique Characteristics3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws
If this project is not eligible for Categorical Exclusion circle the numbers of
the above criteria requiring the preparation of an EA.
Comments and special conditions of approval discussed at onsite: (include local
topography) The location locks OK
Our only objections were the narrow pol
required to avoid an existing buried waterline and
oil gathering line to the North and steep hills
To the South and the previously
nearly straight road. The location is best for cut and fill
for any within 200 feet.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

		Feder	al/State A	gency	Local and private		Other			
	Criteria 516 DM 2.3.A	Corre- spondence (date)	Phone check (date)	Meeting (date)	corre- spondence (date)	Previous NEPA	studies and reports	Staff expertise	Onsite inspection (date)	Other
1.	Public health and safety				,			1,2,3,6	12-15-80	
2 .	Unique characteristics		·					1,2,3,6	12-15	
3.	Environmentally controversial							32,3,6	12-15	
4.	Uncertain and unknown risks							1, 2, 3,6	12-15	
5.	Establishes precedents							1,2,3,6	12-15	
6.	Cumulatively significant							1,2,3,6	12-15	
7.	National Register historic places				•			1,6	12-15	
8.	Endangered/ threatened species							1,6	12-15	
9.	Violate Federal, State, local, tribal law		l.					1,2,3,6	12-15	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

- Surface Management Agency Input
- Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
- 3. Lease Stipulations/Terms
- 4. Application Permit to Drill
- 5. Operator Correspondence
- 6. Field Observation
- 7. Private Rehabilitation Agreement
- 8. USGS conditions of approval.

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 4-02651 - A

OPERATOR: ENERGY RESERVES GROUP WELL NO. 10

LOCATION: C & NE & 5W & sec. 9, T. 75, R. 23E,

UINTAH County, UTAH

- 1. Stratigraphy: STRATIGRAPHY PROPOSED BY OPERATOR IS REASONABLE,

 WINTA SURFACE

 GREEN RIVER 2800'

 MAHOGANY 3100'

 GREEN RIVER"G" 4345'

 GREEN RIVER "H" 4635'

 GREEN RIVER "T" 4850'

 GREEN RIVER "J" 5155'
- 2. Fresh Water: FRESH WATER MAY OCCUR AT DEPTH IN GREEN RIVER FORMATION, BUT PROPOSED CASING IS ADEQUATE,
- 3. Leasable Minerals: POSSIBLE OIL SHALE AND SALINE MINERALS
 ASSOCIATED WITH MAHOGANY ZONE ~ 3,100 (VERY ROUGH
 ESTIMATED,

- 4. Additional Logs Needed: NONE, LOGS SHOULD BE RUN THROUGH THE MAHOGANY ZONE ~ 3,100'
- 5. Potential Geologic Hazards: POSSIBLE LOST CIRCULATION IN LEACHED ZONES ABOVE AND BELOW THE MAHOGANY BEDS (3,100ft)
- 6. References and Remarks: -

Signature: Larry Rechardson Date: 12 - 20 -80

Supplemental to Form 9-3310

1. The geologic name of the surface formation.

Uintah

2. The estimated tops of important geologic markers.

Green	River		2800'
Green	River	"G"	4345
Green	River	"H"	4635
Green	River	"I"	4850 '
Green	River	"J"	51551
Green	River	"K"	53001
T.D.			5550 '

3. The estimated depths at which anticipated water, oil, gas, or other mineral-bearing formations are expected to be encountered.

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Green River "G" possible oil
Green River "H" gas & oil
Green River "I" possible oil
Green River "J" oil
Green River "K" oil
```

4. The proposed casing program, including the size, grade, and weight-per-foot of each string and whether new or used.

8-5/8"	K-55	24#	New	STEC
5½"	K-55	14#	New	STEC

5. The lessee's or operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings (or API series), and the testing procedures and testing frequency.

A 10" series 900 dual ram preventor w/series 900 annular preventor will be used. The BOE will be tested to its full rated capacity, after installation and will be operated on each trip.

6. The type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained.

A fresh water base gel mud will be used for the entire drilling operation. Sufficient quantities of mud and lost circulation material will be on location to handle minor lost circulation problems. Additional material is available locally.

- 7. The auxiliary equipment to be used, such as (1) kelly cocks, (2) floats at the bit, (3) monitoring equipment on the mud system, (4) a sub on the floor with a full opening valve to be stabbed into drill pipe when the kelly is not in the string.
 - A. Kelly cocks
 - B. Floats Will Be Available
 - C. Monitoring of Mud system will be with P.V.T and flow sensor as well as visually.
 - D. Full opening floor valve with drill pipe thread will be on rig floor.

Page 2

8. The testing, logging, fracing, and coring programs to be followed with provision made for required flexibility.

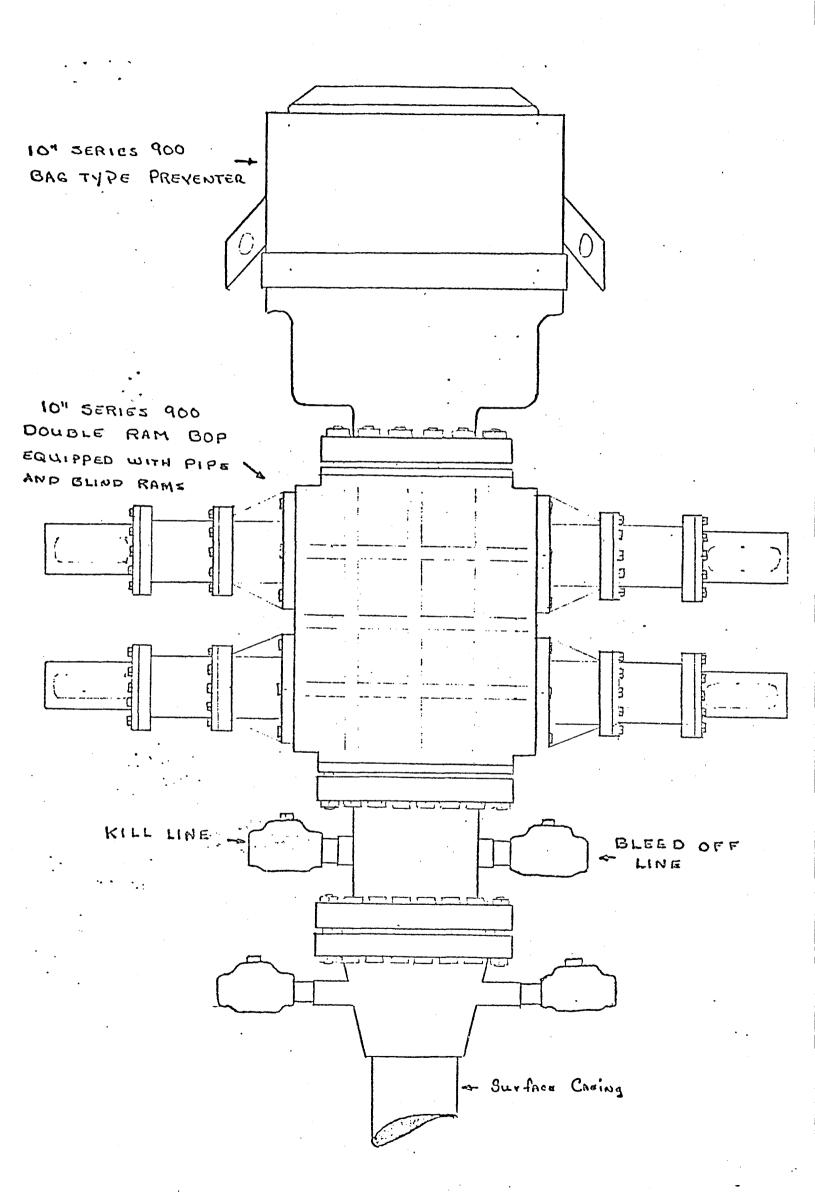
Logging will consist of DIL, SGR, CN-D. No DST's are planned. No cores are planned. Fracing will consist of 60,000 gallons of gelled water with 100,000# sand. All applicable state and federal regulations concerning equipment placement will be adhered to.

 Any anticipated abnormal pressures or temperatures expected to be encountered or potential hazards such as hydrogen sulfide gas, along with plans for mitigating such hazards.

No abnormal pressures or temperatures are expected. No ${\rm H}_2{\rm S}$ is expected in the zones to be encountered.

10. The anticipated starting date and duration of the operations.

It is proposed to commence operations in the spring of 1980. It will probably take 15-30 days to drill this well, depending on problems encountered.



Form approved, Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

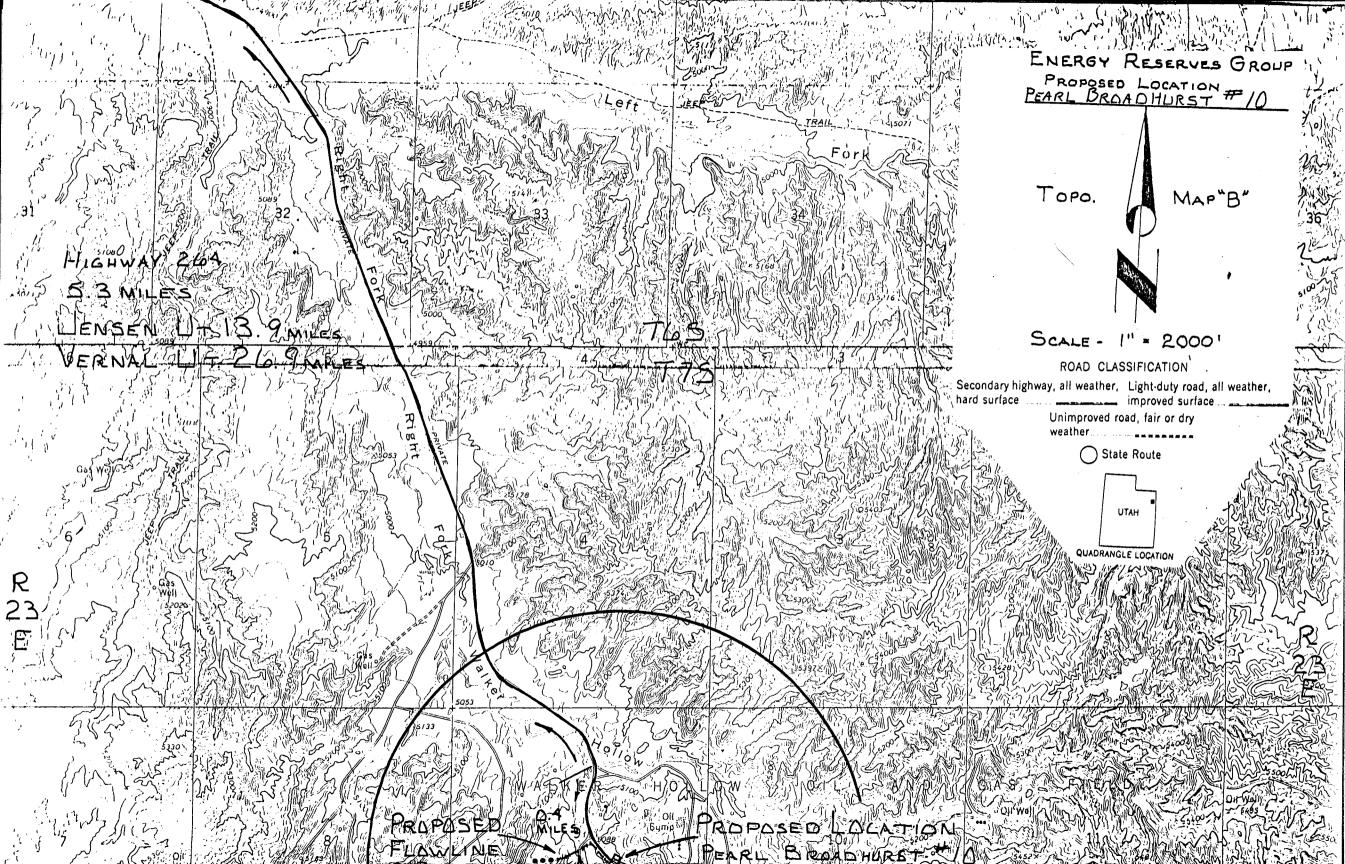
	DEPARTMENT		5. LEASE DESIGNATION	AND SERIAL NO.				
	GEOLO	GICAL SURVEY	<u> </u>			U-02651-A		
	Y FOR PERMIT	O DRILL, DE	EPEN, O	R PLUG	BACK	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME	
	LL 🛛	DEEPEN 🗌		PLUG BA	′CK □	7. UNIT AGREEMENT N.	A M E	
b. TYPE OF WELL	AS OTHER		SINGLE Z	MULTI ZONE	PLE	8. FARM OR LEASE NAM	(E	
OIL WELL W	ELL OTHER		ZONE CZ	. ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Pearl Broadh	urst	
	es Group, Inc.					9. WELL NO.		
3. ADDRESS OF OPERATOR	es oroup, me.					10		
P 0 Box 328	O. Casper, Wyo	ming 82602				10. FIELD AND POOL, O	R WILDCAT	
4. LOCATION OF WELL (R	O, Casper, Wyo	in accordance with	any State requi	rements.*)		Walker Hollo	W	
At surface						11. SEC., T., R., M., OR I AND SURVEY OR AR	LK. EA	
At proposed prod. zon	e 2,029' FSL &	1,819' FEL (NW/SE)			4		
						Sec. 9, T7S-	R23E	
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	REST TOWN OR POST	OFFICE*		i	12. COUNTY OR PARISH	13. STATE	
Approx. 14 mi	<u>les South East</u>	<u>of Jensen, U</u>	tah		1 17 NO 6	Uintah F ACRES ASSIGNED	Utah	
15. DISTANCE FROM PROPO LOCATION TO NEAREST	r ·			S IN LEASE		HIS WELL		
PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 2,029' 1,280' 40								
TO DISTANCE FROM PROJUGED ECCAPTOR						RY OR CABLE TOOLS		
OR APPLIED FOR, ON TH	IS LEASE, FT.	,399'	5,500'		Rot	ary 22. approx. date wo	DE WILL STARTS	
21. ELEVATIONS (Show who								
5,118' Gr (Un						Dec., 198	<u></u>	
23.	I	PROPOSED CASING	AND CEMEN	TING PROGE	RAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO	T SETT	ÇING DEPTH		QUANTITY OF CEMEN	T	
12-1/4"	8-5/8"	24#) ' -	Cemen	t to surface		
7-7/8"	5-1/2"	14#	5,500	j· <u>T</u>	Suffi	cient to protect		
					Green	River Formation	ac	
	es Group, Inc.		drill the	referen	ced wel	DEC 23 18	300 300	
IN ABOVE SPACE DESCRIBIZONE. If proposal is to preventer program, if an 24.	E PROPOSED PROGRAM: If drill or deeper directions	proposal is to deeperally, give pertinent o	a or plug back, lata on subsurf	give data on ace locations	present prod and measure	DIVISION COLL, GAS & MIII	VING	
signed William	J. Fiant	TITL	₃ Field Se	rvices A	dminist	ratordate Nov.	26, 1980	
(This space for Fede	eral or State office use)				•.			
PERMIT NO.			APPROVAI	, DATE				
/	Marte	F()Pi E.W.(GUÝNN		ne	C 2 2 1980	
A DEPOSITE DE	i ju cure	TITL	DISTR	ICT ENGINEE	ER	DATE		

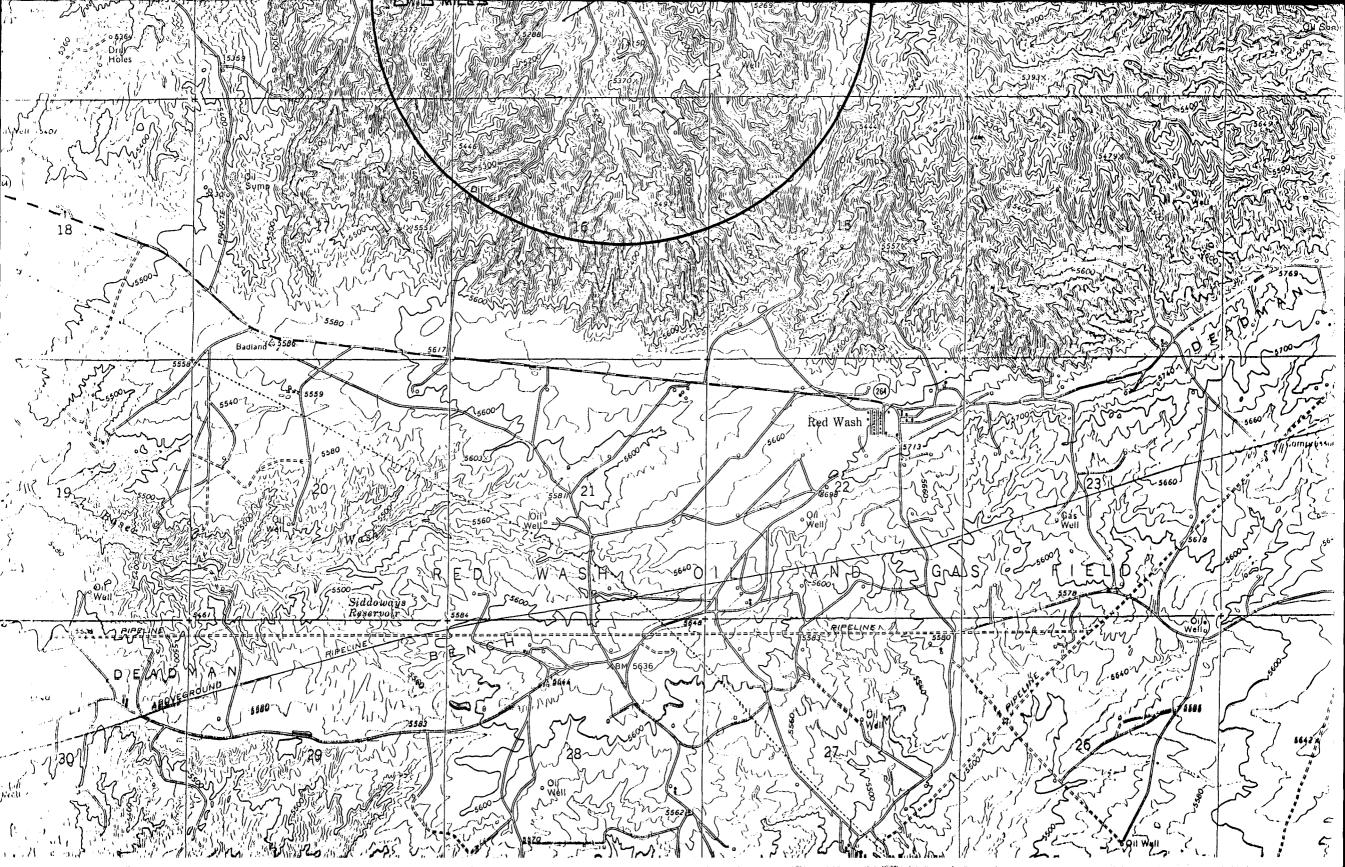
CONDITIONS OF APPROVAL, IF ANY:
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

ENERGY RESERVE GROUP PEARL BROADHURST ALT. #10 15<u>0'</u> 35' STA. $\triangle + \triangle \triangle$ RESERVE PITS-Cut OVERFLOWS & LOCATION GRADE FILL 1:1 SLOPE DRILLING FLUIDS SIDE EXISTING ROAD S (TYP) SIDE 5 F= 15 El: 5103.23 F= 98 (4) 6 F= 62 BATA TRASH Basket MUD TANKS EI = 5107.53 F= 5= 3 \bigcirc E1:5118.32 EI.= 5106.83 F= 62 RIG PROPOSED ACCESE ROAD S WATER CUT LOCATION E STA. RACKS c 1+50 STAKE STA. s 3+15 REPOUTED ROAD EXISTING GROUND TOPSOIL STOCKPILE SOIL LITHOLOGY - NO SCALE -SCALE ı" = 50' APPROXIMATE YARDAGES Light Brown Cubic Yards of Cut -8215. Sandy Clay Cubic Yards of Fill - 3334





DATE: Del. 15,	, , , , , , , , , , , , , , , , , , , 	
OPERATOR: Energy	RESERVE	S Group, Inc.
WELL NO: Pearl	l :	urst #10'
Location: Sec. \underline{q}	т. <u>_7</u> 5_	R. 33E County: Wintan
File Prepared:	7	Entered on N.I.D:
Card Indexed:		Completion Sheet:
	API Number_	43-047-30839
CHECKED BY:		
Petroleum Engine	er: <u>M. of</u> . <u>/</u>	Mules 12-16-80
Director:		
Administrative A	ide: <u>WUdC</u>	+ spacing ok on bridry lin
APPROVAL LETTER:		
Bond Required:	· 	Survey Plat Required:
Order No		_ 0.K. Rule C-3
Rule C-3(c), Top wit	ographic Except hin a 660' radi	tion - company owns or controls acreage us of proposed site
Lease Designatio	n Fed.	Plotted on Map
	Approval Le	tter Written
Hot Line	7 P.1. /	

December 29, 1980

Mnergy Reserves Group, Inc. P. O. Box 3280 Casper, Wyoming 82602

Re: Well No. Pearl Broadhurst 10 Sec. 9, T. 7S, R. 23E Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleom Engineer Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquirers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30839.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder Petroleum Engineer

/ka.

cc: USGS

NOTICE OF SPUD

C. M. Energy Reserve
Caller: Roscoe Gillespie Energy Reserve
Phone: 307-265-7331 (Casper)
Phone: 307-265-7331 (Casper) Well Number: #10
Location: NWSF 9-75-23E
County: <u>Uintah</u> State: <u>Utah</u>
Lease Number: <u>U- 02651-A</u>
Lease Expiration Date:
Unit Name (If Applicable):
Date & Time Spudded: 7:00 P.M. 1-1-81
Dry Hole Spudder/Rotary: Rotary
Dry Hole Spudder/Rotary: Rotary Details of Spud (Hole, Casing, Cement, etc.) 18" Conductor pipe
set at 20' - 12'/4" bit
Rotary Rig Name & Number: MGF Rig # 65
Approximate Date Rotary Moves In:
FOLLOW WITH SUNDRY NOTICE
Call Received By: \anice
Date: 1-2-81
TO SCOLUTION

JAN 6 1931

DIVISION OF OIL, GAS & MINING



9-331

JAN 1 2 1001

Form Approved.

1973			Budg	et Burea	u No. 42-i	R1424
UNITED STATES DEPARTMENT OF THE INTERIOR _{DIVISION OF}		LEASE U-02651	-A	od 1	10000 10000	
GEOLOGICAL SURVEY OIL, GAS & MININ	G 6.	IF INDIAN,	ALLOTTEE	OR TR	IBE NAM	E
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different	7.	UNIT AGRI		<u>ဲ</u> AME္ ဒီ	20 (0 (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	-
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)		FARM OR L			10 to	 : ,
1. oil gas other		Pearl Br WELL NO.	5-31	رن ک	्रहे हैं इ.स.	
2. NAME OF OPERATOR Energy Reserves Group, Inc.	<u> </u>	10	9545	3 7	July 1	
3. ADDRESS OF OPERATOR		FIELD OR V	and the second of the second	AME	bruze bruze	•
P.O. Box 3280 - Casper, Wyoming 82602 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11.	SEC., T., R AREA	., M. OR B	LK. AN		Y OR
below.) AT SURFACE: 2,029' FSL & 1,819' FEL (MW/SE)		Sec. 9-	R PARISH		TATE	
AT TOP PROD. INTERVAL: AT TOTAL DEPTH:		Uintah API NO.	2 to 18 18 18 18 18 18 18 18 18 18 18 18 18	Utah		
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14.	API NO.	140 41 0.44	E.	500 pt. 500 pt	
REPORT, OR OTHER DATA		ELEVATION		DF, KI	DB, AND	
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:		<u>G.L. 5.</u>	<u> 10 , </u>	<u> </u>	. 5,12	9'
TEST WATER SHUT-OFF	(N(OTE: Report r	To got of muce of the color of	5d. 5jilo kiple co	Tropics for o	r zone
PULL OR ALTER CASING []		change	esults of mu on Form 9–3	30.) _{Cr}	5	
MULTIPLE COMPLETE	:	ē e	0 8756 0 8756 0 8757 0 971	<u></u>	odished edifica direction	anoihousta
(other)			1 9100 1 1910 1 1910 1 1910	neibal.	0 H2	34.
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is di measured and true vertical depths for all markers and zones pertinent	e all prection	pertinent de nally drilled nis work.)*	tails, and l, give subs	give pe surface	ertinent d	lates .
The above referenced well was spudded @ 7:00	PM	1-1-81.	die G	100		
mm Drld 12-1/4" hole to 470'. " " " " " " " " " " " " " " " " " " "				Suo:	ਹਿਤ ਹੈ ਤੋਂ ਹੈ ਤੋਂ	
Ran 12 jts 8-5/8" OD, 24#, K-55, R-3, 8rth, S Cemented w/360 sx of Class "B" cement w/2% Ca @ 2:30 PM 1-2-81. Good cement returns. N.U. & pressure tested BOPE to 1200 psi & Hyd	ST&C aCl ₂	new cas & 1/4#	ing set	: @ॅं4 e/sx.	70 (K Plug	B). down
N.U. & pressure tested BOPE to 1200 psi & Hyd	iri1	to 1000	្វី១០ភូមិ) psil	neld (o, k	
1-7-81 - Drlg 7-7/8" hole @ 3,200'.	f.	; ,	3073 200	inpen	W CO &	
	1 1 1	.i. .i. 	bns llew s nohilude attoque i india attoque i india to toque attoque a	estes eldes enotructions.	pritlimdue tot is wal letabele co ancidontel o ancidontele trown below	
		0	w s no	elde		
Subsurface Safety Valve: Manu. and Type			3 5 5 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	@	bengi eldsol	Ft.
18. I hereby certify that the foregoing is true and correct				ិសិក្ស ប្រ. ១ ខ្ល	7 616 17. 85 6000 18. 45. 81	
SIGNED & C. Billegie TITLE Dr1g SuptRM	1D	DATE 1	8-81	101 ac	71.00 11.00	

(This space for Federal or State office use)

DATE

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APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Form Approved.

5 .4

47

DATE

1973 Budget Bureau No. 42-R1424 UNITED STATES LEASE 3 3 3 Ū-02651-A DEPARTMENT OF THE INTERIOR 5 5 6. IF INDIAN, ALLOTTEE OR TRIBE NAME **GEOLOGICAL SURVEY** 7. UNIT AGREEMENT NAME SUNDRY NOTICES AND REPORTS ON WELLS # 독충당 (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.) **FARM OR LEASE NAME** Broadhurst 1. oil gas well other well 9. WELL NO. 10 5 2. NAME OF OPERATOR Energy Reserves Group, Inc. FIELD OR WILDCAT NAME Walker Hollow 3. ADDRESS OF OPERATOR P.O. Box 3280 - Casper, Wyoming 82602 11. SEC., T., R., M., OR BLK. AND SURVEY OR 4. LOCATION OF WELL (REPORT LOCATION CLEARLY, See space 17 Sec. 9-T7S-R23E AT SURFACE: 2,029' FSL & 1,819' FEL (NW/SE) 12. COUNTY OR PARISH 13. STATE AT TOP PROD. INTERVAL: Uintah Utah AT TOTAL DEPTH: 14. API NO. transport of the second of the 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA 15. ELEVATIONS (SHOW DF, KDB, AND WD) G.L. 5,116 5- K.B. 5,129 REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: stabilit of Apsiliet of Mark the TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE Report results of munipulations on Form 9_330.) REPAIR WELL (NOTE: Report results of multiple completion or zone PULL OR ALTER CASING MULTIPLE COMPLETE ni Whate This ting Doubtern CHANGE ZONES ABANDON* (other) Well History 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* 2543 Drld 7-7/8" hole to 5,550' and ran logs. Ran 133 jts 5-1/2" O.D., 14.0 & 15.5#, 8rth, R-3, SS, ST&C new casing set @ 5,542' (K.B.). Cemented w/500 sx of Dowell Class "G" cement w/3% D-79 & 10# Kolite/sx.; followed by 375 sx of Dowell "Self Stress" cement w/0.75% of D-65 & 10# Kolite/sx. Plug down @ 11:30 AM 1-17-81. Lost returns after 60 bbls of displacement. Ran temp survey after 12-hours - top of cement @ 770'. 1-19-81 - MORT CHE GAS & MINING Subsurface Safety Valve: Manu. and Type Set @ 18. I hereby certify that the foregoing is true and correct ellespee TITLE Dr. 1g. Supt. RMD DATE 1-19-81 (This space for Federal or State office use)

TITLE

ENERGY RESERVES GROUP
#10 USA - BROADHURST

NW SE 2029' FSL; 1891' FEL

SECTION 9 - T7S - R23E

UINTAH COUNTY, UTAH

TABLE OF CONTENTS

<u>P2</u>	AGE
Resume	1
Summary and Conclusions	3
Formation Tops	4
Daily Chronology	5
Bit Record	6
Mud Record	7
Repeat Formation Test Pressure Summary.	8
Schlumberger Log Strips	9
Lithology	1 3

RESUME

OPERATOR: Energy Reserves Group

WELL NAME AND NUMBER: #10 USA - Broadhurst

LOCATION: 2,029' FSL; 1,891' FEL

Section 9, T7S, R23E

COUNTY: Uintah

STATE: Utah

SPUD DATE: January 1, 1981

COMPLETION DATE: January 16, 1981

ELEVATIONS: 5,118' GL 5,130' KB

TOTAL DEPTH: 5,555' LOGS 5,553' DRLR

CONTRACTOR: MGF Drilling Company

RIG: #65

TYPE RIG: National T-45

PUMPS: National K-500A

National C-250

GEOLOGIST: Eric Sandin; GS Consultants

ENGINEER: Chet Baker

TOOL PUSHER: Barry Waugh

TYPE MUD: FGM

MUD COMPANY: Magcobar

MUD ENGINEER: Dave Haraway

HOLE SIZES: 12-1/2" to 470'

7-7/8" to TD

CASING: 8-5/8" @ 470'

MUD LOGGING BY: Melton Enterprises, Inc.

RESUME (Cont.)

MUD LOGGERS:

Tom Snyder

Doug Rolfe

TYPE UNIT:

Conventional 2-Man

CORE INTERVALS:

None

DST DEPTHS:

None

ELECTRIC LOGS BY:

Schlumberger

TYPE LOGS RUN:

DIL-GR;

BSC-TD

(With Depths)

BHC-GR;

BSC-TD

FDC-DNL-GR; BSC-TD

RFT

Cyberlook

LOGGING ENGINEER:

Bill Heiam

BOTTOM FORMATION:

"K" Zone; Green River

WELL STATUS:

Running casing for production

SUMMARY AND CONCLUSIONS

The top of the Green River Formation was penetrated at 2,799' (2,331' subsea).

Minor methane gas shows were seen extensively in the Green River above the "G" Zone. These were primarily from narrow sandstone beds and averaged from 3 to 5 units total gas above background. The largest of these occurred at 3,610'. Cuttings yielded sandstone, very fine to medium grained with good porosity, brown oil stain, and heavy asphalt. All sample shows above the "G" Zone were characterized by the presence of asphalt (dead oil) in the sands. Because of the lack of significant gas and live oil shows, nothing was tested in this section.

The Green River "G" Zone was penetrated at 4,308' (822' subsea). A large sand at the top produced the only good sample show of the zone. Lithology from 4,305' to 4,325' was white to gray very fine grained sandstone with visual porosity ranging from nonexistent to good. Some very light brown oil stain was seen accompanied this interval. Minor methane increases were seen in sands at 4,450' and 4,530'. Lithology was very fine to medium grained sandstone with dead oil and asphalt droplets.

The Green River "H" Zone was penetrated at 4,625' (505' subsea). A seven foot sand bed at 4,684' produced a 92 unit total gas kick. Lithology was very fine grained sandstone with good light brown oil staining accompanied by some dead oil. The sandstone with the best porosity also had bright oil fluorescence and good streaming cut. Preliminary analysis showed this sand to be a good prospect for completion.

The Green River "I" Zone was penetrated at 4,836' (294' subsea). No significant gas or sample shows were encountered during drilling.

The "J" zone was penetrated at 5,148' (-18' subsea). Methane increases were observed in virtually every sand from 5,200' to 5,375'. Drill cuttings were contaminated by much hole caving and many of these sands did not appear in the samples. Those that did generally had fair to good visual porosity and oil staining. These gas and sample shows continued into the "K" Zone (top at 5,294') then abruptly died at 5,370'. No evidence of hydrocarbon presence was found below this point.

All possible production zones were examined with Schlumberger's RFT tool. After consideration of these results along with the electric logs, the lithology and gas logs, and taking into account the well location, it was decided to run casing and complete the well.

FORMATION TOPS

#10 USA BROADHURST

KB: 5,130'

FORMATION	TOP #10	BROADHURST
	TOP	SUBSEA
Green River	2,799	2,331
G Zone	4,308	822
H Zone	4,625	505
I Zone	4,836	294
J Zone	5,148	- 18
K Zone	5,294	- 164
TOTAL DEPTH	5,555	- 425

DAILY CHRONOLOGY

1981	DEPTH @		
DATE	12:01AM	FUNCTION	REMARKS
1/1		Rig up	Spud at 0700 hrs.
1/2	158	Drilling	Run casing and cement at 470'.
1/3	470	WOC	Trip in Bit #2, resume drilling @ 2130 hrs.
1/4	666	Drilling	Trip for Bit #3 1630-1900 hrs.
1/5	1,849	Drilling	Trip for Bit #4 1615-1900 hrs.
1/6	2,442	Drilling	
1/8	3,420	Drilling	Trip for Bit #5 1230-1730 hrs.
1/9	3,650	Drilling	
1/10	4,022	Drilling	Repair rig 4 hours, trip for plugged bit at 1945 hrs.
1/11	4,198	Tripping	RR Bit #5, resume drilling at 0030 hrs.
1/12	4,526	Drilling	
1/13	4,825	Drilling	
1/14	5,097	Drilling	
1/15	5,367	Tripping	Trip in RR #4, resume drilling 0400 hrs, TD at 2215 hrs.
1/16	5,553	Tripping	Trip our for E-logs, run E-logs & RFT tool. Finish @ 1615 hrs.

BIT RECORD

BIT #	SIZE	MAKE	TYPE	DEPTH IN	DEPTH OUT	FOOTAGE	HOURS
1	12-1/2	STC	DIJ	0	470	470	13-1/2
2	7-7/8	STC	DT	470	1,604	1,134	31-3/4
3	7-7/8	STC	DT	1,604	2,320	716	52
4	7-7/8	STC	F-2	2,320	3,563	1,243	115
5	7-7/8	HTC	J-22	3,563	5,367	1,804	134-1/4
4	7-7/8	STC	F-2	5,367	5,550	183	17-3/4

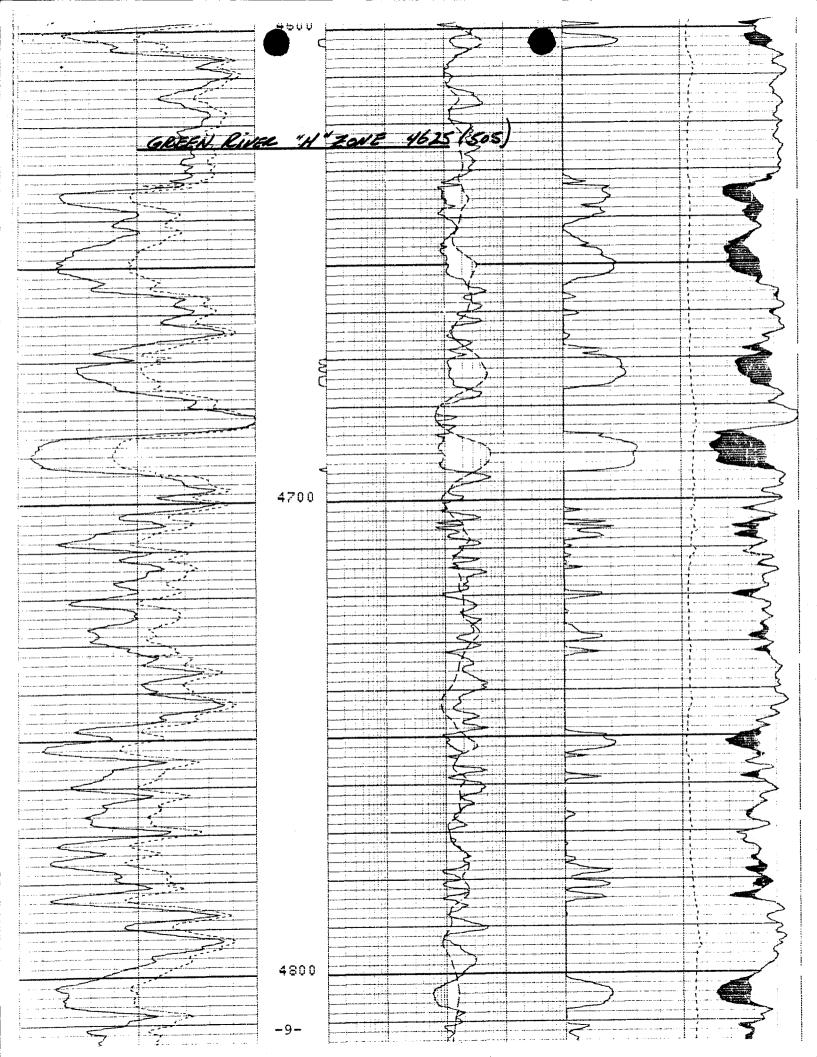
REPEAT FORMATION TEST, PRESSURE SUMMARY

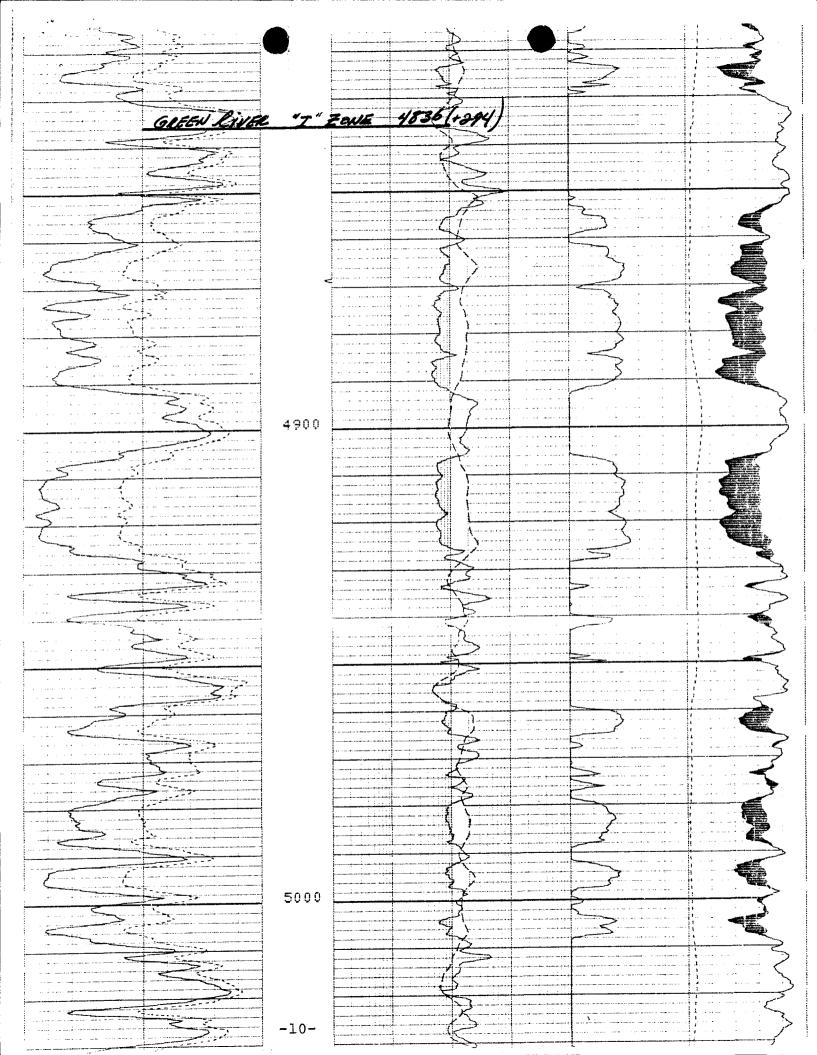
			PRESS	URE	
P TEST #	DEPTH	HYD	LOW	HIGH	REMARKS
1	5,530	2,645			
2	5,530	2,645	-	2,601	
3	5,441	2,600	2,994	2,516	
4	5,368	2,564	184	1,345	
5	5,363	2,558	1,259	1,384	\$
6	5,347	2,550	- 4		
7	5,346	2,555	-4		
8	5,348.5	2,553	no se	al	
9	5,348	2,553	830	1,246	
10	5,329	2,543	832	1,053	Fluid sample taken 2-3/4 gallons.
11	5,275	2,514	31	1,895	
12	5,260	2,506	1,353	1,670	
13	5,210	2,584	1,968	2,037	•
14	4,914	2,344	0	0	
15	4,913	2,344	0	2,108	
16	4,752	2,266	1,400	1,720	
17	4,690	2,236	0	2,100	Fluid sample taken l gallon.
18	4,672	2,222	360	2,064	
19	4,647	2,210	271	2,042	
20	4,318	2,050	162	1,811	
21	3,341	1,586	76	1,413	

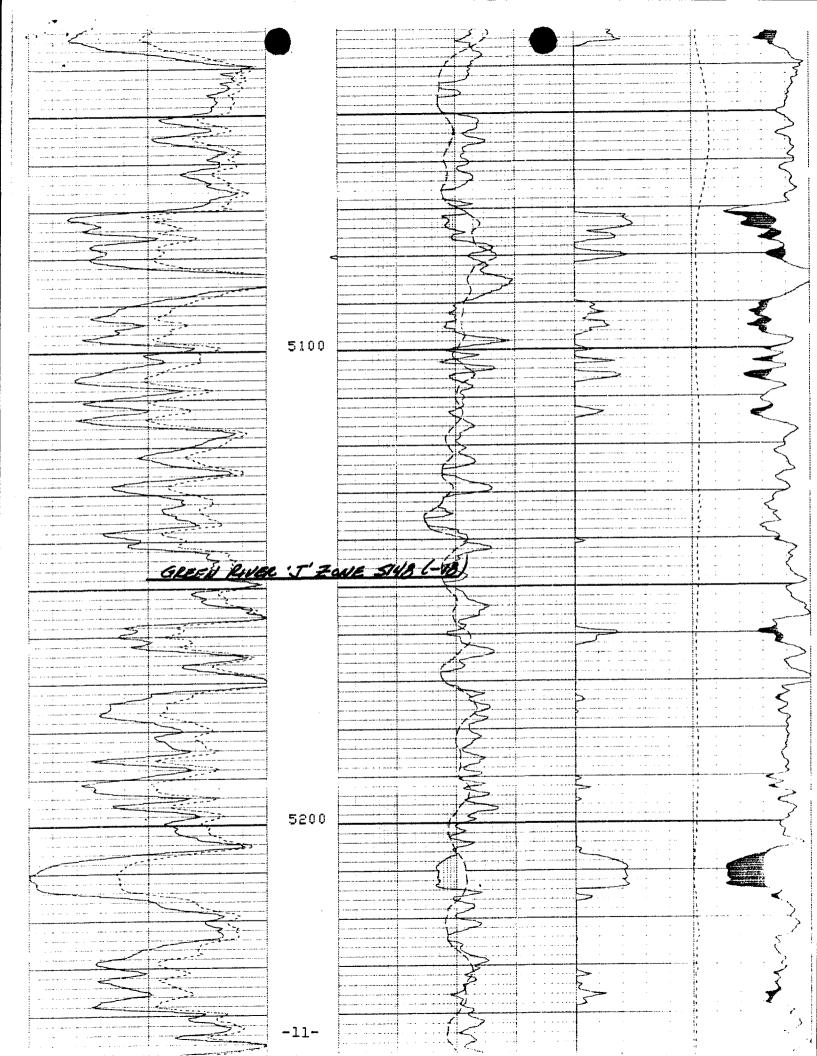
MUD RECORD ON MUDDED UP AT GEL SOLID / DEPTH WT. F. VIS. P. VIS. YIELD STRNT PH | FILTR | CK. DATE ALKA. SALT CHLO CALCIUM GYP. / SAND % WTR. CUM. COST 1-1-81 4.8/95,2 34 8/10 n/c 1/32 -/1/2 9 1-2 389 263 11 9.5 0.8 40 800 0/100 470 8,4 n/c 1-3 26 +-7.0 431 O 750 26/97,4 1-4 1/32 tr +-1093 (.) 5/2 26 10.6 700 4.9/95.1 2100 30 9 n/c 1/32 0.6 +-593 400 40 4.5/95.1 2676 2/32 0,7 2/3 400 941.53 37 10 40 10 10 +0 5,6/94.4 2/32 2/32 0.8 1-7 3184 9.1 300 10 38 10 8 40 tr: 1329.14 4.1/95.9 9 1-8 3 498 8.9 2/32 1.1 3/6 36 9 40 1429.59 10 400 to 4.9/95.1 2/5 3754 37 10 2/32 1.2 1758.43 400 11 40 tr 5.7/94.3 1,1-10 4120 1/4 9.5 10 2/32 1.8 tr 2659.44 35 12 400 40 7 4.9/95.1 4254 39 2/32 1.0 1/4 9 10 9 400 + 3 3291.35 0 4624 5.7/94.3 9.1 2/4 6.8 2/32 tr 1-12 39 4773.07 15 400 80 8.0 5 5.7/94.3 4923 2/32 1-13 9.1 7 3/6 6414.70 6.8 37 8.0 15 400 +-40 5.7/94.3 1-14 5174 9.1 2/32 37 1/3 6.4 400 tr 11 1.1 7988.13 40 5.6/94.4 9531.66 2/32/10 1-15 5397 9.1 36 8 2/4 10 40 tr 7,2 300 8 6.4/93.6 12199.80 5550 9.2 47 5/11 2/32 14 1.2 500 40 6.8 to

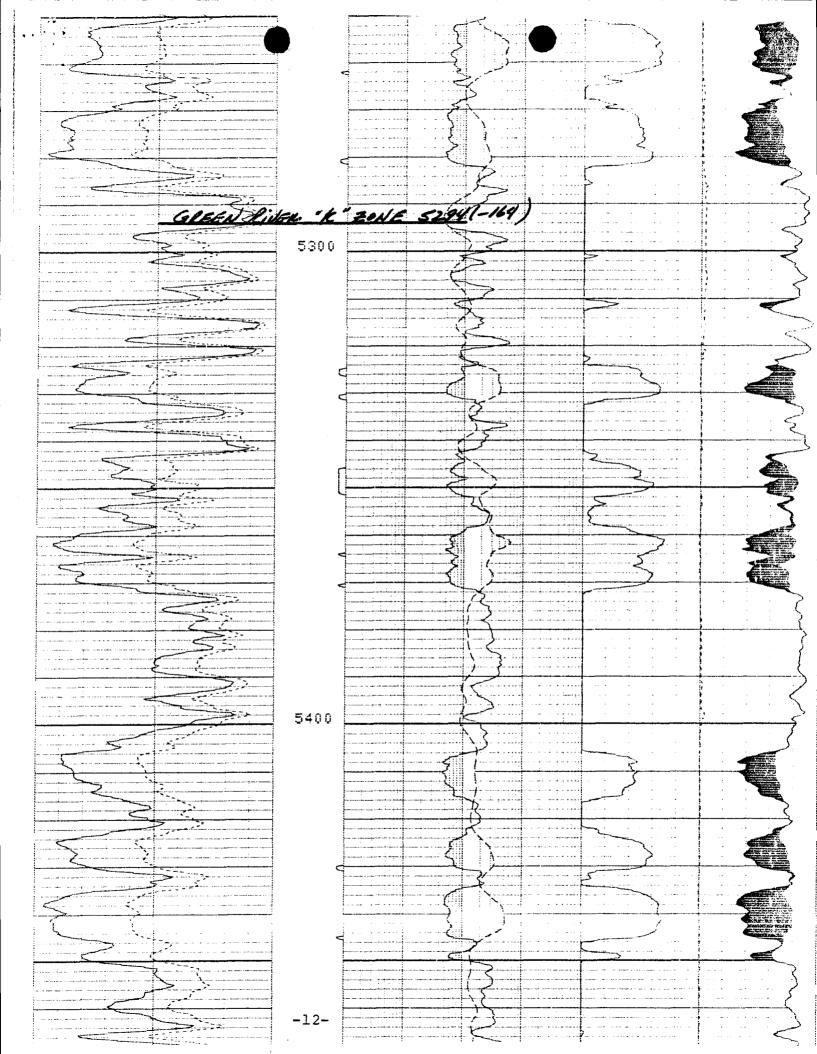
REPEAT FORMATION TEST PRESSURE SUMMARY

			PRESS	SURE	
P TEST #	DEPTH	HYD	LOW	HIGH	REMARKS
1	5,530	2,645			
2	5,530	2,645		2,601	
3	5,441	2,600	2,994	2,516	
4	5,368	2,564	184	1,345	
5	5,363	2,558	1,259	1,384	
6	5,347	2,550	- 4		
7.	5,346	2,555	-4		
8	5,348.5	2,553	no se	eal	
9	5,348	2,553	830	1,246	
10	5,329	2,543	832	1,053	Fluid sample taken 2-3/4 gallons.
11	5,275	2,514	31	1,895	
12	5,260	2,506	1,353	1,670	
13	5,210	2,584	1,968	2,037	
14	4,914	2,344	0	0	
15	4,913	2,344	0	2,108	
16	4,752	2,266	1,400	1,720	
17	4,690	2,236	0	2,100	Fluid sample taken l gallon.
18	4,672	2,222	360	2,064	
19	4,647	2,210	271	2,042	
20	4,318	2,050	162	1,811	
21	3,341	1,586	76	1,413	









LITHOLOGY

GREEN RIVER FORMATION AT 2,799'

- 2,760 2,880 SANDSTONE wh, lt gy, v frm, sbang-w rd, vf-f w/occ scat m grains, tt, n vis Ø xme w/g intxl Ø, tr pyr, NSOFC, grdng to SLTST w/f Ø, calc.

 SHALE wh-lt gy, gygn, frm, occ slty, svl-g calc, blky.
- 2,880 2,900 SANDSTONE lt gy-clr, vf-f, sl frm, sbang-sbrd, v sl matrix, gen v g intxl Ø, calc, NSOFC.
- 2,900 2,940 SANDSTONE a/a.
- 2,940 3,040 SANDSTONE wh-lt gy, lt brngy, frm, slty, vf-f, p-g Ø, v calc, arg, NSOFC.

 SHALE wh-lt gy, gngy, frm, sl-mod calc, slty in pt.
- 3,040 3,100 SANDSTONE lt gy, vf gr grdng to SLTST, decr Ø.

 SHALE gngy, frm, blky, sl calc, n-occ slty, tr dd blk
 o stn from 3,080 3,100.
- 3,100 3,180 SANDSTONE wh-lt gy, frm, vf, sbang-sbrd, w srtd, n-g intxl Ø, NSOFC grdng to SLTST.

 SILTSTONE wh-v lt gy, frm, blky, qtzs, n Ø, sl-mod calc.

 SHALE wh-lt gy, gngy, v frm, blky, n Ø, sl-mod calc.
- 3,180 3,240 LIMESTONE wh-v lt gy, buff, frm, crpxln, arg, n Ø, NSOFC becoming shaley towards the bottom.
- 3,240 3,320 SANDSTONE wh-lt gy, vf grdng to SLTST, tt, n-p Ø, calc. SHALE lt-m gy, crm, frm, calc, grdng to arg SLTST.
- 3,320 3,340 SANDSTONE lt gy-clr, vf-f, frm, sbang-sbrd, p-vg Ø, patchy dk brn-blk o stn & tar, n-v fnt flor, v p strmg cut, p soak cut.
- 3,340 3,380 SANDSTONE trace a/a.

 SHALE tan, gy, crm, frm, blky, slty in pt, calc to v limey, tr brn o stn, n flor.
- 3,380 3,440 SHALE dom m gy, blky, occ slty, v calc, tr SS vf, sb ang, w cmtd, n Ø, NSOFC.
- 3,440 3,480 LIMESTONE tan, buff, crpxln, v arg grdng to SHALE, n Ø, sme sl brn o stn, n cut.

 SHALE generally a/a, also trace brn o sat lamina w/
 fnt gn flor, n cut.

- 3,500 3,520 SHALE m-dk gy, frm, blky, n fis, sme slty, v sl calc, tr SS clr-brn, vf, g Ø, asphalt & dd o stn.
- 3,520 3,540 SHALE a/a, also rdbrn-tan, blky.
- 3,540 3,560 LAT SHALE a/a w/abnt cvgs.
- 3,600 3,620 SANDSTONE brn, vf-m, sme v slty, frm, g Ø, abnt brn o stn & asphalt, occ gnyel flor when cut, tr p strmg cut, p soak cut.
- 3,620 3,640 SHALE gy-gngy, frm, slty, n-sl calc. SANDSTONE a/a, decr %, decr srtng.
- 3,640 3,660 SHALE gen a/a.

 SANDSTONE a/a, w/asphalt & brn o stn, n flor, p soak cut.
- 3,660 3,680 SANDSTONE-SHALE gen a/a.
- 3,680 3,700 SANDSTONE wh-lt gy-lt brn, vf-f, n-p intxl Ø, sme v slty, n-abnt wh calc matrix, p-f srtng, NSOFC; also SS cvgs w/o stn a/a.
- 3,700 3,720 SHALE gngy, brn, frm, blky-splty, qtzs, slty, sl calc.
- 3,720 3,740 SANDSTONE wh-lt brn, vf-f, v frm, tt, n \emptyset , calc, NSOFC; tr SS g \emptyset w/dd o stn & asphalt.
- 3,740 3,780 SHALE gy-brngy, gngy, v frm, blky, sl-mod calc, sme slty.

 SANDSTONE wh, gy, lt brn, hd, f, tt, n Ø, NSOFC.
- 3,780 3,800 SHALE gy, brn, dkrd, v frm, blky, n fis, n-mod calc, slty in pt.
- 3,800 3,840 SHALE v col, gy, rd, gn, brn, frm, n-sl calc, slty.

 SANDSTONE wh-buff, vf grdnt to SLTST, occ w/patchy
 brn o stn, tr gn flor, g soak cut, n-f Ø.
- 3,840 3,880 SHALE a/a, incr gngy, blky, sbwxy.

 SANDSTONE wh-lt gy, vf-f, p srtd, grdng to SLTST, wh sil matrix, mod calc, n Ø, NSOFC.

 SILTSTONE wh-lt gy, qtzs, blky grdng to SS, NSOFC.

- 3,880 3,900 SANDSTONE wh-sl col, vf-f, sbang-sbrd, gen v tt w/n vis Ø, occ f Ø w/spotty brn o stn, n flor (dry), g soak cut & gnyel flor when cut.
- 3,900 3,920 SANDSTONE gen a/a grdng to s&p sdy SLTST, n Ø, NSOFC. SHALE gy-gngy, frm, blky, slty & sdy.
- 3,940 3,980 SILTSTONE-SHALE gen a/a.
- 3,980 4,010 SANDSTONE wh-lt gy, vf-m, sbang-sbrd, p srtd, tt, n-p Ø, NSOFC.
- 4,010 4,020 SANDSTONE a/a sme w/g \emptyset , occ patchy brn o stn, tr asphalt, n flor, n cut.
- 4,020 4,050 SHALE gy, gngy, frm, blky, slty, sl calc.

 SANDSTONE wh-lt gy, vf brdng on SLTST, frm, mod w

 srtd, sme pinpt Ø, calc, NSOFC.
- 4,050 4,100 SANDSTONE a/a becoming v p srtd, w/com m-cse rd lse sd grns, tr vf SS w/asphalt.

 CHERT abnt lge lt-dk gy, ang, decr towards bottom.
- 4,100 4,120 SANDSTONE wh-lt brn, vf-m, frm, w-p srtd, n-g Ø, sme sl brn o stn, n flor, f soak cut, grdng to SLTST.
- 4,120 4,150 SHALE brn, rdbrn, brngy, gngy, frm, sl calc.
- 4,150 4,160 SILTSTONE wh, qtzs, frm, calc.
- 4,160 4,170 SANDSTONE wh-clr, frm, vf-m, sbang-sbrd, w-vp srtd, com w/lge sd grns in vf sd matrix, v sl calc, n-sl sil matrix, tr dd o stn & asphalt, n flor (dry), g strmg cut & flor when cut.
- 4,170 4,180 SANDSTONE a/a decr srtng, inc m-cse grns.
- 4,180 4,280 SHALE gy, rdbrn, gngy, frm, blky, n fis, n-sl calc, occ slty.

GREEN RIVER FORMATION G-ZONE AT 4,308'

4,300 - 4,310 SHALE - rd-rdbrn, gy, frm, n fis, n-sl calc, sme slty. SANDSTONE - wh-lt gy, vf, slty, calc, tr dd o stn & asphalt, n-p Ø, n cut.

- 4,310 4,320 SANDSTONE wh-gy, frm, vf, sbang-sbrd, f-g srtng, n-exc Ø, sme v lt brngy o stn, n-v dull yel flor (dry), occ g strmg & soak cut (bright yelgreen).
- 4,320 4,330 SANDSTONE gen a/a, decr o stn, p srtd, decr Ø, sme cse rd grns in vf SS matrix.
- 4,330 4,350 SHALE gy, rdbrn, v col, frm, occ wxy, n-sl calc. SANDSTONE gen a/a.
- 4,350 4,360 SANDSTONE a/a w/occ dd o stn & asphalt. SHALE gen a/a.
- 4,370 4,380 SANDSTONE wh-clr, vf-cse, sbang-w rd, abnt lse m-cse rd grns, n-exc Ø, sme w/sl arg & calc matrix, NSOFC.
- 4,400 4,440 SHALE gy, gngy, brngy, rd, frm, sme slty, occ wxy, sl-v calc.
- 4,440 4,450 SANDSTONE wh, lt gy, occ clr, frm, vf-f, sbang, grdng from clean to abnt wh arg matrix, NSOFC. SHALE gen a/a.
- 4,450 4,460 SANDSTONE a/a, one pce w/asphalt; tr SS porrer srtd w/rd m grns in vf sbang-sbrd matrix, p-f Ø.
- 4,460 4,490 SANDSTONE gen a/a, NSOFC.

 SHALE gy, brngy, rd-gngy, frm-v frm, sl-v calc, blky, n fis, grdng to SILTSTONE.
- 4,490 4,510 SHALE sl brn rd, v frm, v slty, blky, v calc.

 SANDSTONE cl-wh, frm, vf-f, p srtng, sbang-sbrd, n Ø,

 NSOFC.
- 4,510 4,520 SHALE gy, brn, rdbrn, frm-v frm, blky, n fis, sme v slty, sl-v calc.
- 4,520 4,530 SANDSTONE cl-wh-sl col, vf-m, p srtd, frm, sbang-w rd, n Ø, NSOFC.
- 4,530 4,540 SANDSTONE gen a/a, sme col rd grns in sbang vf-f matrix.
- 4,540 4,550 SANDSTONE a/a, 2 pces w/asphalt & dd o stn. SHALE gen a/a.

- 4,550 4,560 SANDSTONE-SHALE gen a/a, NSOFC.
- 4,560 4,640 SHAKER BY-PASSED; NO SAMPLES.

GREEN RIVER FORMATION "H" ZONE AT 4,625'

- 4,640 4,650 SANDSTONE clr-wh, vf-f, sbang-sbrd, g-f srtd, sl calc, clean, grdnt to SILTSTONE, NSOFC.
- 4,650 4,660 SANDSTONE wh-clr, frm, vf-f, clean, v sl calc, NSOFC. SHALE gy, v frm, blky, n fis, v calc, occ slty.
- 4,660 4,670 SHALE gen a/a.
- 4,670 4,680 SANDSTONE gen a/a, also wh, p srtd, vf-m gr, sb ang w/m w rd col sd grns, 5% dull yel flor, spotty brn dd o stn, flash cut bri gn.
- 4,680 4,690 SANDSTONE wh-lt brn mot, frm, vf-f, p-f srtng, v sl calc, sme rd col sd grns, lt brn o stn com, patchy brn dd o stn, extensive yel-gn flor, f-exc Ø, exc bri grn strmg cut.
- 4,690 4,700 SANDSTONE gen a/a, decr %.

 SHALE gy, v col, hd, calc, n fis, also a/a, blky, frm.
- 4,700 4,730 SHALE v col pastels, frm, sbwxy, calc, slty in pt.
- 4,730 4,740 SILTSTONE 1t gy-buff, calc, shaly, n Ø, qtzs, grdng to SHALE.
- 4,740 4,750 SANDSTONE wh-lt gy, frm, vf, g srtng, n Ø, calc, NSOFC.

 SHALE gen a/a.
- 4,750 4,760 SANDSTONE lt gy, gen a/a now w/sme gybrn o stn & dd o, n flor (dry), g soak cut, n-f \emptyset .
- 4,760 4,770 SHALE gen a/a, slty.
- 4,770 4,800 SANDSTONE wh-clr, vf-m, p srtd, sbang-sbrd, n Ø, slty, NSOFC.

 SHALE gen a/a, v slty.
- 4,800 4,810 SANDSTONE wh-gy, frm, vf, g srtng, arg, sl calc, n-f vis Ø, sme dk brn o stn, n flor, n cut. SHALE gy-brn, rdbrn, frm, slty & sdy, calc, n Ø, n fis.

- 4,810 4,820 SANDSTONE wh-gy gen a/a, v slty and com grdng to SLTST, wh calc matrix w/n \emptyset , also n matrix, n calc, w/g \emptyset & incr % dk brn dd o stn, sme g soak cut, tr v fnt gn flor.
- 4,820 4,840 SANDSTONE a/a, com w/dd o stn.

 SHALE rd, brn, gy, frm, sbwxy, sme w/scat dd o stn, n
 flor, grdng to SILTSTONE.

GREEN RIVER FORMATION "I" ZONE AT 4,836'

- 4,840 4,900 NO SAMPLES SHAKER BY-PASSED.
- 4,900 4,910 SANDSTONE wh-clr, frm, vf-f, ang-sbrd, n-g intxl Ø, NSOFC.

 SHALE gen a/a.
- 4,910 4,920 SANDSTONE a/a also abnt rd m-cse lse grns (cvgs).

 SHALE lt gybrn, frm, blky, sdy-v slty in pt, sl
 calc.
- 4,920 4,930 LIMESTONE wh-gy mot, oolitic, frm, n Ø.
- 4,930 4,940 LIMESTONE a/a oolitics & w cse ostracods, also gy-tan, crpxln, hd, n \emptyset . SANDSTONE lt gy, gy, vf, hd, n \emptyset , NSOFC.
- 4,950 4,960 SANDSTONE wh-gy, frm, vf, arg, calc, g srtng, n-p \emptyset , NSOFC. SHALE - gy, gngy, brngy, frm, slty, n-v calc, tr LS a/a.
- 4,960 4,970 SHALE gen a/a.
- 4,970 4,980 SHALE gen a/a sme grdng to shaley lime.

 SANDSTONE wh-lt gy, vf, n-f Ø, g srtng, sbang, NSOFC.
- 4,980 4,990 LIMESTONE tan, brn, gybrn, frm, crpxln, v arg, grdng to SHALE a/a.

 SANDSTONE gen a/a, NSOFC.
- 5,000 5,050 SANDSTONE wh-lt gy, frm, vf-f gr grdng to SLTST, sl calc, n Ø, gen g srtng, sbang-sbrd, NSOFC.

 SHALE rd, brnrd, gy, frm, slty, sme wxy, n-v calc.
- 5,050 5,060 SILTSTONE 1t gy, v frm, qtzs grdng to vf SS, v calc, n Ø, arg, tr dd o stn on faces.

 SHALE gen a/a.

- 5,060 5,080 LIMESTONE tan-buff, frm, frag & foss ostracods, n Ø, arg.
- 5,080 5,100 SHALE gy, gybl, rd, frm, slty, calc.
- 5,100 5,110 SANDSTONE wh-lt gy, vf gr, tt, n Ø, occ w/frags of shell material, v calc, NSOFC.

 SHALE gen a/a.
- 5,110 5,120 SANDSTONE grdng to SILTSTONE a/a, NSOFC.
- 5,120 5,140 SHALE rd, frm, blky, occ slty, calc, also gybrn, gen a/a.

GREEN RIVER FORMATION "J" ZONE AT 5,148'

- 5,140 5,150 SILTSTONE gy, frm, qtzs, grdng to vf SS, arg, calc, tr w/spotty blk o stn, p Ø, NSOFC.
- 5,150 5,170 SANDSTONE vf gr grdng to SLTST, n \emptyset , g srtng, sbang-sbrd, NSOFC. SHALE v col, rd, gy, tan, a/a, slty, calc.
- 5,170 5,200 SANDSTONE wh, vf, tt, n-vp Ø, sbang, g srtng, NSOFC. SHALE gy, gybrn, frm, slty, calc.
- 5,200 5,220 SANDSTONE (not much in samples) wh-lt brn, frm, vf, g srtg, sbang, n-p vis Ø, NSOFC.

 SHALE v col, gy, a/a.
- 5,220 5,250 SHALE gy-gngy, rd, mot, frm, sbwxy, calc, n-occ slty, tr dd o stn on shale faces.
- 5,250 5,260 SANDSTONE (tr amts) wh-brn, vf, g srtng, tt, n-f Ø, n-v sl calc, sme w/v g brn o stn, bri gnyel spotty flor, g strmg cut.
- 5,260 5,280 SANDSTONE (tr amts) gen a/a.
- 5,280 5,290 SHALE rd, gy, gngy, mot, frm, blky, occ slty, calc, sme vf SS tt, n Ø, sbang, g srtng, NSOFC.

GREEN RIVER FORMATION "K" ZONE AT 5,294'

5,290 - 5,310 SHALE - gy, gygn, gybrn, frm, calc, slty-sbwxy.

- 5,310 5,320 SANDSTONE (tr-5%) wh-lt brn, vf, grdng to SLTST, sme w/dull-bri yel flor, g srtng, sbang, n-g Ø, g gnyel strmg cut.
- 5,320 5,330 SANDSTONE a/a, vf-f, sbang-sbrd, occ lt brn o stn, yel flor, g strmg cut.

 SHALE gy, blgy, frm, calc, sme v limey, occ slty.
- 5,330 5,350 SHALE gen a/a.

 SANDSTONE gen a/a, also wh vf gr grdng to SLTST, n-vp
 Ø, NSOFC.
- 5,350 5,360 SANDSTONE wh-lt gy, vf bordering on SILTSTONE, tight n vis Ø, g srtng, calc, NSOFC.

 SHALE gy, brngy, gngy, a/a, v slty.
- 5,360 5,370 SANDSTONE wh-lt gy, lt brn, frm, vf, g srtng, calc, n-f Ø, wh sil matrix, tr dull yel flor, f soak cut.
- 5,370 5,400 SHALE gy, brn, rd, gngy, frm, blky, sme v slty, calc.
- 5,400 5,430 SANDSTONE clr-wh, frm, vf-f, sbang-sbrd, g srtng, calc, f-g intxl Ø, n flor, n vis o stn, n cut.

 SHALE v col, gen a/a, slty in pt.
- 5,430 5,490 SANDSTONE gen a/a, sme w/exc Ø, NSOFC, tr sd in lime matrix at 5,450 60, dull yel min flor, NSOFC. SHALE v col, gen a/a.
- 5,490 5,510 SHALE rd brn, tan, gy, frm, calc, blky, sme wxy.
- 5,510 5,530 SANDSTONE wh-clr, vf-f, sbang-sbrd, n-g Ø, n arg, g srtng, sl calc matrix, NSOFC.
- 5,530 5,550 SANDSTONE gen a/a, decr, NSOFC. SHALE - v col, frm, blky, slty, calc.

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(See other instructions on reverse side)

Budget Bureau No. 42-R355.5.							
5. LEASE	DESIGNATION	AND	SERIA	L NO.			
U-026	51 - A						
6. IF IND	IAN, ALLOTTEI	OR	TRIBE	NAME			

WELL CO	MPLEIION	OK KECOM	PLEHON	KEPO	KI AI	ND LO	J T			
1a. TYPE OF WEL	L: OIL WEL	L X, GAS WELL	DRY	Other _				7. UNIT AGRE	EMEN	T NAME
b. TYPE OF COM										
WELL X	OVER DEE	P- PLUG BACK	DIFF. RESVR.	Other		i		S. FARM OR I		
2. NAME OF OPERAT				· ·	. 173		% (*5 m) N 3 N		1 P	Broadhurst
 -	serves Grou	p, Inc.			1	Jan G. Waldel	<u> </u>	9. WELL NO.		
3. ADDRESS OF OPER		I <i>T</i>	02602				- a	10		
4. LOCATION OF WEI	200 - Casp	er, Wyoming	02002	<u> </u>	A1	DD -0 -1 -	1001	Walker H		L, OR WILDCAT
4. LOCATION OF WEI	L (Report location 1991) &	1,819' FEL	(NU/SF)	any state r	equir em,	mW Z 4	1981			OR BLOCK AND SURVEY
			(11117 011)					OR AREA	,, 21.,	OR BEOCK AND SCRIPT
At top prod. int	erval reported bel	ow			_ D	IVISION	OF		. = .	
At total depth					OIL,	GAS & M	INING	Sec. 9-1	:7S-	-R23E
. .			14. PERMIT	_	DAT	E ISSUED		12. COUNTY OF	R	13. STATE
		:	43-047	7-3023	9 12	-16-88		Uintah		Utah
15. DATE SPUDDED		EACHED 17. DATE		y to prod.)	18. EL	EVATIONS (D	F, REB, I	RT, GR, ETC.)*	19.	ELEV. CASINGHEAD
1-01-81	1-16-8	1	17-81		1	5,129'				
20. TOTAL DEPTH, MD		, BACK T.D., MD & TV	D 22, IF M	ULTIPLE CO.	MPL.,	23. INTE	LED BY	ROTARY TOOL		CABLE TOOLS
5,550' K.B		5,310' K.B.	<u> </u>	NA		<u> </u>	→ P	urface to		5. WAS DIRECTIONAL
24. PRODUCING INTER	VAL(S), OF THIS	COMPLETION-TOP, I	BOTTOM, NAME	(MD AND T	VD)+	i.			2.	SURVEY MADE
5 2581-5 2	74! Green	River "J" Zo	one		r _{egs o} . No. str Norskinson,					NO
26. TYPE ELECTRIC A				Repeat	Forma	tion Te	step		27. W	AS WELL CORED
7'		Formation De		- Carlo San Carlo Sa	AND MORNINGS			and the same	_	NO
28,			G RECORD (I	Miles of the property of the party of the pa	A TOPACH	Charles A. A.	۸	The second second second second		<u> </u>
CASING SIZE	WEIGHT, LB./I			HOLE SIZE			ENTING	RECORD		AMOUNT PULLED
8-5/8"	24#/ft	470 '	KB 12-	-1/4"	36	0 sx "B	" w/2	% CaCl ₂ &		-0-
					1/	4# Floc	ele/s	k.	_	
5-1/2"	14 & 15.5	#/ft 5,542	' KB 7-	-7/8''	50	0 sx "G	" w/3	%		-0-
						(See	Back	.)	·	
29.	· · · · · · · · · · · · · · · · · · ·	LINER RECORD		· ,		30.		UBING RECO		,
SIZE	TOP (MD)	BOTTOM (MD) S	ACKS CEMENT	SCREEN	(MD)	SIZE		DEPTH SET (MD)	PACKER SET (MD)
		None				2-7/	8''	5,286'		None
31. PERFORATION REC	ORD (Interval, siz	e and number)		32.	Δ	CID SHOT	ER A CT	URE, CEMENT	TOS	EFZE ETC
		3', 5,348'-	50¹&		INTERV			OUNT AND KIND	-	
5,328'-30'	w/1 JSPF	& 0.43" dia	hole	. I—	58 '- 5			nt Squeez		
	er "K" San					,5,0		kdown: Se		
		60' w/1 JSP1	F & 0.43'	1				ture: See		
dia hole (Green Rive	r "J" Sand)				<u> </u>				
33.*	· · · · · · · · · · · · · · · · · · ·			COUCTION						
3-17-81		ction METHOD (Flo				** **	lp)	WELL S shut-	in)	S (Producing or
DATE OF TEST	HOURS TESTED		·							Producing GAS-OIL RATIO
4-7-81	24	CHOKE SIZE	PROD'N, FOR TEST PERIOD	оп.—ві		GAS-MC		WATER—BBL.		NA
FLOW, TUBING PRESS.	CASING PRESSUR	E CALCULATED	OIL—BBL.		S-MCF.	<u> </u>	WATER-	1	OIL G	RAVITY-API (CORR.)
		24-HOUR RATE	13		NA	1		5		: 28.5°
34. DISPOSITION OF GA	AS (Sold, used for	fuel, vented, etc.)	<u> </u>	<u> </u>			<u>-</u>	TEST WITNESS		
VENTED DUR	ING TEST					•		DURRELL	KA	.RREN
35. LIST OF ATTACHN										
		& REPEAT FOR								· • • *
36. I hereby certify	that the foregoing	g and attached info	rmation is co	mplete and	correct a	s determine	d from	all available rec	ords	
SIGNED BAR	Ly Patri	ck	minital I	roduct	ion E	noineer	– RM	D	n die Kalendari	4-16-81
920ABD 3501	0	-	TITUE ;					DATE	22	
			_				_	The second secon	* 1 / 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AND A STATE OF THE PARTY OF THE

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency. and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. or both, pursuant to applicable Federal and/or State laws and regulations.

should be listed on this form, see item 35.

Wenney and the state are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

or Federal office for specific instructions.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

DEPTH INTERPAL TESTED, CUSHION USED, TIME TOOL OFEN, FLOWIN	CANT ZONES OF PO TESTED, CUSHION	SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING	NTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING PEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. GEOLO	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	Ь
No DST's run.			See Attached	NASIE	MEAS. DEPTH	TRUE VERT. DEPTH
			Continued from other side -	LOG TOPS		
		-	Cementing 5-1/2" - D-79 Extender & 10#/sk	Uintah	Surface	
			D-42 Kolite LCM, followed by 375	Green River	2,7991	
			sx "Self Stress" cmt w/0.75% D- "G" Zone	"G" Zone	4,308	
			65 Thinner & 10#/sk D-42.	"H" Zone	4,625	
			Cement Squeeze - Sqz'd perfs 5,328'-5,370'	"I" Zone	4,836	
			w/35 sx Class "G" plus additives	"J" Zone	5,148	
			to 2000 psi.	"K" Zone	5,294	
			Breakdown - BD perfs 5,258'-5,274' twice	T.D. Logger	5,555	
			(once before squeeze and once	Driller	5,550	
			after squeeze) w/500 gals, 7%			
			HC1 w/additives.			
			Fracture - Frac'd perfs 5,258'-5,274' w/			
			E" (2/3 Ashley Creek crude & 1/3	-		
			2% KCl water plus additives) w/			
			28,000# 20-40 sd & 15,000# 10-20			
			sd.			
2 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)						

SUBMIT IN DUPLICA

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(See other instructions on reverse side)

Form as Budget

5. LEASE DESIG	NATION AN	D SERIAL	N(

5.	LEASE	DESIGNATION	AND	SERIAL	
	TI_Ω2	651_A			

ppro Bure	oved. eau N	55.5.	1/)	
ION	AND	SERIAL	NO.	10

	`	010100.0	AL SOIL	·				0-0203	1-A	
WELL CO	MPLETION	OR RECO	MPLETION	V REP	ORT A	ND LO	G *	6. IF INDIAN,	ALLOT	TEE OR TRIBE NAME
1a. TYPE OF WEI	LL: OIL WEI	LL X GAS WELL	DRY	Other				7. UNIT AGRE	EMENT	NAME
b. TYPE OF COM								-		
NEW WELL	WORK DEE	P- PLUG BACK	DIFF. RESVR.	Other	Reco	ompletion	1	8. FARM OR I	LEASE N	NAME
2. NAME OF OPERA	ror							USA Pe	arl !	Broadhurst
Energy Re	serves Gro	up, Inc.				(2)		9. WELL NO.		
3. ADDRESS OF OPE					1	61			10	
	3280 - Cas				90	· Control of the cont		10. FIELD AN	D POOL,	OR WILDCAT
4. LOCATION OF WE At surface 2	,029' FSL			_		nents)*		Walker 11. SEC., T., F OR AREA	<u>Ho1</u> а., м., ог	OW R BLOCK AND SURVEY
At top prod. in	terval reported be	low			3	00		Sectio	m 9.–	T7S-R23E
At total depth			14. PERMIT	NO		FE ISSUED		12. COUNTY O		13. STATE
				(A)	ı'\S	٠	7	Vintah		Utah
15. DATE SPUDDED	16. DATE T.D. R	EACHED 17. DAT	E COMPL. (Real	du to prod	5 14	5 5 - 5 6	M DED D	T, GR, ETC.)*		LEV. CASINGHEAD
			3-17-81			B. 9, 1/2	9' (CI	2 + 13 ³)		
1-01-81	1-16-6	G BACK TD MD &	7VD 22 IF	MULTIPLE	COMPE	22 anti		ROTARY TOOL	LS	CABLE TOOLS
20. TOTAL DEPTH, MD	D 21. PLU	3101 1/ R	но	W MANY*	NA	23. INTI	LED BY	0-TD	1	
24. PRODUCING INTE	B. 5,	OMPLETION TO	D DOWNOM NAM	F /MD AN			→	——————————————————————————————————————	1 25.	WAS DIRECTIONAL
ex. PRODUCING INTE	avanto), or This	COMP DELIGINATION	, boliom, nam	(4.11	~ 210)					SURVEY MADE
	on Hull 7	o / 6701 0	ງ !						,	NO
	er "H" Zon			· · · · · · · · · · · · · · · · · · ·					97 WA	S WELL CORED
26. TYPE ELECTRIC	AND OTHER LOGS I	RUN		1::					21. WA	NO
·				· · · · ·				· !		NO
28.			ING RECORD				(m)im=iia	TECORD .		
CASING SIZE	WEIGHT, LB./			HOLE SIZ			ENTING I	 	— <u>-</u>	AMOUNT PULLED
8-5/8"	24#/ft	47	0' KB 1	2-1/4"				/2% CaC1 ₂	<u></u> _	
						1/4# F1			_	
5-1/2"	14 & 15.	5#/ft 5,5	42 KB	7-7/8"				/3% D - 79		-0-
						Extende	r & 10)#/sk D-4	2	(OVER)
29.		LINER RECORD				30.	T	UBING RECO	RD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMEN	T* SCR	EEN (MD)	SIZE		EPTH SET (MI)	PACKER SET (MD)
			·			2-7/8	11	5,286'		none
31. PERFORATION RE	CORD (Interval, 8iz	re and number)		32.		ACID, SHOT	FRACT	URE, CEMENT	SQUE	EZE, ETC.
4 6701 74	' & 4,687'·	_021	• 1	DE	PTH INTER	RVAL (MD)	AMO	OUNT AND KIND	OF MA	ATERIAL USED
*	-	- <i>J L</i>	•	1.	670'-	221	RD +	750 ma1	NOU	SCO 7-1/2%
W/Z JOFF	(20 holes)			 -,			1			ives & 26
					 		1			ac'd w/30.00
								s NOWSCO		
33.*			F	RODUCT	ION					(OVE
ATE FIRST PRODUCT	ION PRODU	CTION METHOD (Flowing, gas lij	t, pumpin	g—size an	d type of pun	np)			(Producing or
3-17-82	Dum	ping $2-1/2$	" X 1_3/4	# X 10	Y X 1/	4' X 16'		shut Pro	oduci:	ng
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FO	R OIL	—BBL.	GAS-MC	CF.	WATER-BBL.		AS-OIL RATIO
4-12-82	24		TEST PERIO	© GU	70	NA		194		NA
FLOW. TUBING PRESS.	CASING PRESSUR		OIL—BBL.		GAS-M		WATER-		OIL GRA	AVITY-API (CORR.)
		24-HOUR RAT	70)	NA	4	194	4	· +	28°
34. DISPOSITION OF G	AS (Sold, used for	fuel, vented, etc.		-	1 147		17-	TEST WITNES		
	•							DURRELL	KVD	REN
VENTED DU	RING TEST							DOKKELL	, IVAIN	TALLEY
								· <u>. </u>		
36. I hereby certify	that the foregoin	g and attached i	nformation is c	complete a	nd correct	as determine	ed from a	all available re	cords	
SIGNED TO	see ()	apla	TITLE	PRODU	CTION	TECH -	RMD	DATE	4-1	6-82
	*18	Inches -	nd S (-	ىد:ك لە 🗘 👢	onal D	ta on D	ven Ci J.			
	(266	Instructions a	na spaces to	or Additi	onal Do	ita on Keve	rse Side	2)		

NSTRUCTIONS

or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35.

it there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

It is separate is completed for separate production from more than one interval zone (multiple completion), so state in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool item 33: Submit a separate completion rejort on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF DEPTH INTERVAL TESTED, CUSH	OUS ZONES: TANT ZONES OF PO TESTED, CUSHION	MARY OF POROUS ZONES: show all important zones of porosity and contexts thereof; depth interval tested, cushion used, time tool open, flowing	TS THERROF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING 38, PEN, PLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION; CONTENTS, ETC.		TOP	
-					MEAS. DEPTH TRUE VEST. DEPTH	DEPTH
			Continued from other side - Cementing 5-1/2" - Kolite LCM, followed by 375 sx "Self Stress" cmt w/0.75% D-65 Thinner & 10#/sk D-42.			
		·	Frac'd w/17,000# 20-40 sand & 27,000# 10-20 sand.			
. '**#						
•	•					
·						
. •				-		

3160-5 ovember 1983) (Formerly 9-331)

DEPARTMENT OF THE INTERIOR (Other instructions verse side)

SUBMIT IN TRIPL

Form approved. Budget Bureau No. 1004-0135 Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

BUREAU OF LAND MANAGEMENT	Γ					
SUNDRY NOTICES AND REPORTS (Do not use this form for proposals to drill or to deepen or plug b Use "APPLICATION FOR PERMIT—" for such pi		6. IF INDIAN, ALLOTTEE OR TRIBE NAME				
OIL GAS OTHER	NECEIVED	7. UNIT AGREEMENT NAME				
2. NAME OF OPERATOR Energy Reserves Group, Inc. 3. ADDRESS OF OPERATOR	JUN 0 3 1985	8. FARM OR LEASE NAME USA Pearl Broadhurst 9. WELL NO.				
P. O. Box 3280 Casper. Wyoming 82602 4. Location of Well (Report location clearly and in accordance with any See also space 17 below.) At surface	DIVISION OF OIL State GMS-W-MINING	10. FIELD AND POOL, OR WILDCAT - Walker Hollow Field 11. SEC., T., E., M., OR BLE. AND BURNEY OR AREA				
14. PERMIT NO. 15. ELEVATIONS (Show whether DF	, RT, GR, etc.)	Section 9 T1S-R1E 12. COUNTY OR PARISH 13. STATE Uintah Utah				
Check Appropriate Box To Indicate N	lature of Notice, Report, or C					
NOTICE OF INTENTION TO:	SUBSEQU	ENT REPORT OF:				
TEST WATER SHUT-OFF PULL OR ALTER CASING MULTIPLE COMPLETE SHOOT OR ACIDIZE ABANDON* CHANGE PLANS (Other) Consolidate Tank Batteries	Completion or Recomple	altering well ALTERING CASING ABANDONMENT* of multiple completion on Well etion Report and Log form.)				
 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinen proposed work. If well is directionally drilled, give subsurface local nent to this work.) 	t details, and give pertinent dates, ions and measured and true vertica	including estimated date of starting any I depths for all markers and sones perti-				

Energy Reserves Group, Inc. is proposing to consolidate the five existing tank batteries to one central tank battery to be located at the USA Pearl Broadhurst #1 present tank battery site. The location of the central tank battery site and the additional flowlines are shown on the attached topo map. All of the additional flowlines required will be in existing pipeline routes and will be insulated surface lines, so there should not be any additional surface disturbances. The entire lease has already had archaeological clearance. The present #1 Broadhurst Tank Battery already has the required tank storage, additional

heater treaters will have to be moved to the present #1 battery.

8. I hereby certify that the foregoing is true and correct SIGNED Bobly Potticle	TITLE _	Petroleum Engineer	DATE 5-31-85	
Bobby Patrick (This space for Federal or State office use)				=
APPROVED BY	TITLE _		DATE	

Energy Reserves Group USA Pearl Broadhurst Lease Walker Wollow Field Uintah Co., Utah 1-20-C Proposed Central Janual Catallery Site The flowline routes shown above are the proposed routes from the existing latteries to the #1 Ecentral Jank Battery - Site. The proposed routes are on existing sipeline routes and the flowlines shown above are the additional slowlines that are required

913 North Foster Road Post Office Box 3280 Casper, Wyoming 82602 Telephone (307) 265-7331 Fax (307) 266-1999

RECEIVED

OCT 24 1985

JIVISION OF OIL GAS & MINING

September 17, 1985



Division of Oil, Gas, and Mining 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203 Deare Broadhurst #10 75.23E.9 Unitah Co.

Re: Corporate name change, ENERGY RESERVES GROUP, INC.

Gentlemen:

By authority of the enclosed copies and affidavit, please change your records to reflect the change of the name of ENERGY RESERVES GROUP, INC. to BHP Petroleum (Americas) Inc. for all former ERG operations in Utah.

Affected leases and numbers are as follows:

USA Pan American Federal Lease #81-06579 (Utah entity #00220) USA Pearl Broadhurst Federal Lease #U-02651-A (Utah entity #00225)

Roosevelt Unit - Wasatch Federal Lease #I-109-IND-5248 and I-109-IND-5242 (Utah entity #00221)

If further information is needed, please contact me at the letterhead address or telephone number.

Thank you for your assistance.

BHP Petroleum (Americas) Inc.

Dale Belden District Clerk

Rocky Mountain District

DB/mz -

Enclosure

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

ş		5. LEASE DESIGNATION & SERIAL NO.
SUNDRY NOTICES AND REPORTS (Do not use this form for proposals to drill or to deepen or plus use "APPLICATION FOR PERMIT—" for you	WELLS A different reservoir. A propopolata B () 2 1990	U-02651-A
. OIL GAS OTHER		1. UNIT AGREEMENT NAME
2 NAME OF OPERATOR BHP PETROLEUM (AMERICAS) INC.	OIL. GAS & MINING	U.S.A. Pearl Broadhurs
1. ADDRESS OF OPERATOR 1560 Broadway, Suite 1900, Denver, CO	30202	9. WELL NO.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements of the state of th		Walker Hollow Field 11. SEC., T., R., M., OR BLK, AND SURVEY OR AREA
14. MI MO. 15. ELEVATIONS (Show whether DF 5129! KB (GR +		Sec. 9, T7S-R23E 12. COUNTY 13. STATE Utah
Check Appropriate Box To Indicate N	ature of Notice, Report or Ot	ther Data
TEST WATER SHUT-OFF PULL OR ALTER CASING FRACTURE TREAT MULTIPLE COMPLETE SHOOT OR ACIDIZE ABANDON CHANGE PLANS (Other) APPROX. DATE WORK WILL START	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) Shut-in V (Note: Report results Completion or Recor	REPAIRING WELL ALTERING CASING ABANDONMENT* Vell of multiple completion on Well inpletion Report and Log form.)
7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stanting any proposed work. If well is directionally drilled, give subsurfaperlinent to this work.)	ce locations and measured and in	pertinent dates, including estimated date of the vertical depths for all markers and zones panied by a cement verification report.
The subject well is shut-in because oil price. To plug the well at this time wable. For these reasons, BHP is request shut-in.	MODILO 109770 notontio	1 feetendo o o o o o o o o o o o o o o o o o o
	-	OIL AND GAS FUE GLH SLS
3. I nereay ceruly last the foregoing is true and correct		A-TAS MICROFILM FILE
	ineer, Northern Roo	ckies I-31-90
(This space for Federal or State office use) APPROVED BY		DATE

FORM 9	STA DF UTAH		
	DIVISION OF OIL, GAS AND N	MINING	5. Lease Designation and Serial Number: U02651-A
SUNDRY	NOTICES AND REPOR	TS ON WELLS	6. If Indian, Allottee or Tribe Name:
	osais to drill new wells, deepen existing wells, or to CATION FOR PERMIT TO DRILL OR DEEPEN for		7. Unit Agreement Name:
I. Type of Well: OIL XX GAS	OTHER:		8. Well Name and Number: NO. 10 U.S.A. PEARL BROADHURST
P. Name of Operator: BHP_PETROLEUM_(A	MERICAS) INC.		9. API Well Number: 43-047-30839
Address and Telephone Number: P.O. BOX 977 FAR	MINGTON NM 87499	(505) 327-1639	10. Field and Pool, or Wildcet: WALKER HOLLOW FIELD
4. Location of Well Footages: 2029 FSI OQ, Sec.,T.,R.,M.: NW/SE SI	. & 1819' FEL EC. 9, T7S, R23E		County: UINTAH State: UTAH
CHECK APPRO	PRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
**	CE OF INTENT mit in Duplicate)		EQUENT REPORT It Original Form Only)
☐ Abandonment ☐ Casing Repair ☐ Change of Plans ☐ Conversion to Injection ☐ Fracture Treat ☐ Multiple Completion ☐ Other	 New Construction Pull or After Casing Recompletion Shoot or Acidize Vent or Flare Water Shut-Off 	☐ Abandonment ☐ Casing Repair ☐ Change of Plans ☐ Conversion to Injection ☐ Fracture Treat XX OtherANNUAL_ST	
Approximate date work will start		Date of work completion Report results of Multiple Completion COMPLETION OF RECOMPLETION A Must be accompanied by a cement ve	e and Recompletions to different reservoirs on WELL ND LOG form.
2. DESCRIBE PROPOSED OR COMPLETE vertical depths for all markers and zone		is, and give pertinent dates. If well is directionally dr	filled, give subsurface locations and measured and true
WELL WAS SHUT IN	N DUE TO ECONOMICS, AN	INCREASE IN OIL PRICES	WOULD RETURN THIS
WELL TO ACTIVE S	STATUS,		
			WE CIRTHE
			MAR 0 1 1993
			DIVISION OF

(This space for State use only)

OPERATIONS SUPT, Date: 2-22-93

GENERAL ATLANTIC

RESOURCES, INC.

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 14, 1993

PECETYEU
JUN 1 7 1993

State of Utah Oil & Gas Conservation Commission Three Triad Center, Suite 350 355 West North Temple Salt Lake City, Utah 84180-1203

DIVISION OF CAS & MINING

RE: Change of Operator Sundry Notices and Reports on Wells

Gentlemen:

By Assignment dated April 30, 1993, effective January 1, 1993, General Atlantic Resources, Inc. ("GARI") purchased the interests of BHP Petroleum (Americas) Inc., Hamilton Brothers Oil Company, Hamilton Brothers Exploration Company and The Norwegian Oil Corporation (DNP-U.S.) collectively ("BHP"), in the properties referenced on the enclosed forms. BHP was the designated operator of said properties, resigning effective May 1, 1993. GARI has been acting as the operator in the interim while balloting was being conducted to determine the successor operator.

GARI has been named successor operator. Enclosed are executed forms for your review and approval reflecting this change. In the event you have questions or concerns relative to this transfer of operatorship, please contact Jim Lee Wolfe, Vice President of Operations or the undersigned at the letterhead address and/or call (303) 573-5100. Thank you for your timely attention in this matter.

Very truly yours,

GENERAL ATLANTIC RESOURCES, INC.

Lýnn D. Becker, CPL

Landman

Enclosures

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

				S. LEASE DESIGNAT	ON & SERIAL NO.
				SEE BELOW	
(Do not use this for	Y NOTICES AND in for proposals to drill or to use "APPLICATION FOR P	deepen or plug b	ack to a different reservoir.	6. IF INDIAN, ALLOT	TEE OR TRIBE NAME
L. OIL GAS			· · · · · · · · · · · · · · · · · · ·	7. UNIT AGREEMENT	NAME
2 NAME OF OPERATOR	OTHER			SEE BELOW	LAME
BHP Petroleum (A	mericas) Inc.	(PREVIOU	S OPERATOR)	d. PARIN OR CERTE	Anc
3. ADDRESS OF OPERATOR		(TREVEOU	b or marion,	9. WELL NO.	
5847 San Felipe,	Suite 3600, Hou	ston, Texas	s 77057	SEE ATTACHE	
4. LOCATION OF WELL (Report See also space 17 below.)	location clearly and in accordance	e with any State requ	irements.	10. FIELD AND POOL	OR WILDCAT
At proposed prod. zone	9,10,13,18,19,20	,21,23,25,2	26,27,28	11. SEC., T., R., M., OF SURVEY OR	
14. API NO.	IS. ELEVATION	S (Show waether Di	, RT, GR, etc.)	12. COUNTY	13. STATE
	-			Uintah	Utah
16.	Chack Anaronista Ro	v To Indicate N	ature of Notice, Report or		1 00011
NOTIC	E OF INTENTION TO:	X 10 Illuicate iv		SEQUENT REPORT OF:	
				SEQUENT REPORT OF:	
TEST WATER SHUT-OFF FRACTURE TREAT	PULL OR ALTER CA	<u> </u>	WATER SHUT-OFF	REPAIRIN)
SHOOT OR ACIDIZE	ABANDON	**	FRACTURE TREATMENT SHOOTING OR ACIDIZING	ALTERING	
REPAIR WELL	CHANGE PLANS		(Other) CHANGE O	F OPERATOR	X
(Other)	•		(Note: Report resu Completion or Re	lts of multiple completion completion Report and Le	on Well
APPROX. DATE WORK WI	ILI. START		DATE OF COMPLETION	F /01 /02	• • • • • • • • • • • • • • • • • • • •
17 DESCRIBE PROPOSED	OR COMPLETED OPERA	TIONS (Clanely at	ate all pertinent details, and giv		
starting any proposed wo pertinent to this work.)	rk. If well is directionally dr	illed, give subsurf	ace locations and measured and	mpanied by a cement	l markers and zones
NEW OPERATOR: 0	General Atlantic	Resources	Inc. over, Colorado 8020	•	TIM 1 2 1002
	Pearl Broadhurs	t LEA	ASE #: UTU02651A	. •	JUN 1 7 1993
	Pan American sevelt Unit Wasa	tch	UTSL065759 892000886A		DIVISION OF . GAS & MINING
Attached is a	list of the well	s which mal	ce up the above lea	ases along with	their
respective API	numbers. This m	ethod of ov	vnership change was	s suggested by	Lisha
Romero, Divisio	on of Oil, Gas a	nd Mining,	Salt Lake City, U	tah.	
•					
		•			
18. I hereby contify that the	offegoing is true and correct		(+ A1/ P		10-
SIGNED LAUROU	<u>vi</u>	TITLE KEG	manoy U. hep.	DATE 4/2	1143
(This space for Federal o	r State office use)	X			
APPROVED BY		TITLE		_	
CONDITIONS OF APPR	OVAL, IF ANY:	11116		DATE	

```
API NUMBER
      LEASE
                       WELL#
                         1 - Sec 9 T75 R 25 E-43-047-15692
USA Pearl Broadhurst
                                                  43-047-15693
                              --- 10
                                                  43-047-15694
                          4 ......
                                  9
                                                  43-047-15695
                          5
                                 10
                                                 43-047-30705
                          6
                          7
                                                  43-047-30730
                                  9
                                                  43-047-30696
                          8
                                 10
                                                43-047-30787
                          9
                                 10
                                                 43-047-30839
                          10
                                                  43-047-30840
                          11
                                               43-047-30841
                          12
                                                  43-047-30842
                          13
                                                  43-047-30904
                          14
                                                  43-047-30901
                          15
                                 9
                          16 ---
                                               - 43-047-30903
                                10
                          17
                                               43-047-30905
                                10
                                                _ 43-047-30939
                          18
                                9
                                                  43-047-30940
                          19
                                                  43-047-30941
                          20
                                9
                          21
                                                  43-047-30942
                              - 9
                                                  43-047-31025
                              - 10
                                     ナケン R 22E 43-047-15682
USA Pan American
                          1
                             Sec 23
                                                  43-047-15683
                                 26
                          3
                                 26
                                                  43-047-15684
                                                  43-047-15685
                                 22
                                                  43-047-15686
                                26
                                                  43-047-15687
                                26
                                                  43-047-15688
                                                  43-047-15689
                                22
                                                  43-047-15690
                                27
                                                  43-047-15691
                          10
                                22
                          5W - Sec 20 TIS 1E
                                                  43-047-31254
Roosevelt Unit Wasatch
                                                  43-047-31366
                          6
                                   20
                                                  43-047-31402
                          7
                                   19
                                                  43-047-31445
                                   28
                                                  43-047-31446
                          10W ___
                                   21
                          C11 __
                                                  43-047-31500
                                                  43-047-31845
                          Mary 278 /3
```

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED							
Budget Bureau No. 1004-0135							
Engine March 11 1001							

5. Lease Designation and Senai No.

BUREAU OF L	AND MANAGEMENT	USA U-02651-A
De not use this form for proposals to dril	I or to deepen or reentown all terent reservoir. PERMIT—" for succession and the contract of	6. If Indian, Allottee or Tribe Name
	IN TRIPLICATE SEP 2 0 1993	7. If Unit or CA, Agreement Designation
i. Type of Well (X) Onl Well Well Other	DIVISION OF	8. Well Name and No. 10 (see a Pearl Broadhurst exhibi
2. Name of Operator General Atlantic Resources, Inc		9 API Well No. 43 - 047 - 30839 (see att. exhibit A)
	enver, Colorado 80202 (303) 573-5100	iii. Field and Pool, or Exploratory Area
4 Location of Well (Footage, Sec., T., R., M., or Survey De	сстірлоп)	11. County or Parish, State
(See attached exhibit A) Sections 9 and 10, Township 7	South-Range 23 East	Uintah County, Utah
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonmen: Recompletion	Change of Plans New Construction Non-Routine Fracturing
Subsequent Report	Plugging Back Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing Change of operator	Conversion to Injection Dispose Water (Note Report results of multiple completion on Well: Completion or Recompletion Report and Log form.)
give subsurface locations and measured and due ver-	all pertinent detail and give pertinent dates, including estimated date of standical depths for all markers and zones pertinent to this work.)* IC Resources, Inc. took over operation icas) Inc.	
	ENG 274 9-10-73	DOTIG Hamber
14. I hereby certify that the foregoing is true and correct Signed (This space for Faderal or State of Sales and Correct Approved by Manual Sales and Sal	Lynn D. Becker Landman ASSISTANT DISTRICT MANAGER MINERALS	Date August 20, 1993

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictutious or fraudulent statements or representations as to any matter within its jurisdiction.

, , , , , , , , , , , , , , , , , , ,		
Division of Oil, Gas and Mining OPERATOR -CHANGE HORKSHEET	(PAGE 2 -3)	Routing:
Attach all documentation received by the division Initial each listed item when completed. Write	on regarding this change. N/A if item is not applicable.	2-DPS/9-SJ 3-VIC 8-FILE 4-RIF
☎ Change of Operator (well sold) ☐ Designation of Operator	□ Designation of Agent □ Operator Name Change Only	5- IEO L 6- PL
The operator of the well(s) listed bel	ow has changed (EFFECTIVE DATE:	5-1-93
TO (new operator) GENERAL ATLANTIC RES (address) 410 17TH ST #1400 DENVER, CO 80202 LYNN BECKER, LANDMAN phone (303)573-5100 account no. N0910	(address) <u>5</u> <u>Hu</u> <u>C.</u> D pl	HP PETROLEUM/AMERICAS INC 847 SAN FELIPE #3600 OUSTON, TX 77057 ARL KOLBE (713)780-5301 hone (713)780-5245 ccount no. N0390
Well(s) (attach additional page if needed):		
Name: PEARL BH #10/GRRV API: 43-04 Name: PEARL BH #11/GRRV API: 43-04 Name: PEARL BH #12/GRRV API: 43-04 Name: PEARL BH #13/GRRV API: 43-04 Name: BROADHURST #14/GRRV API: 43-04	47-30839 Entity: 225 Sec Twp7 47-30840 Entity: 225 Sec Twp7 47-30841 Entity: 225 Sec Twp7 47-30842 Entity: 225 Sec Twp7 47-30904 Entity: 225 Sec Twp7 47-30904 Entity: 225 Sec Twp7	S Rng23E Lease Type: W02651 S Rng23E Lease Type: "
OPERATOR CHANGE DOCUMENTATION		
1. (Rule R615-8-10) Sundry or o operator (Attach to this form).		en received from <u>former</u>
(Attach to this form). (Red let	er <u>legal</u> documentation has been re 17-93)	eceived from <u>new</u> operator
operating any wells in Utah. yes, show company file number:	been contacted if the new operators company registered with the set $\frac{\#92898}{}$.	state? (yes/no) If
comments section of this form	ONLY) The BLM has been contacted on Form to this report). Make Management review of Federal reto completion of steps 5 through	and Indian well operator
5. Changes have been entered in t listed above. $(9-28-93)$	he Oil and Gas Information System	(Wang/IBM) for each well
for 6. Cardex file has been updated for	or each well listed above.(4-28-43)	
$\frac{\sqrt{c}}{\sqrt{c}}$ 7. Well file labels have been upda	ated for each well listed above.[4	-28-43)
8. Changes have been included on for distribution to State Lands	the monthly "Operator, Address, as and the Tax Commission. (9-2643)	and Account Changes" memo
9. A folder has been set up for placed there for reference dur	the Operator Change file, and a co ing routing and processing of the	opy of this page has been original documents.

PERATOR	CHANGE WORKSHEET (CONTINUED) In the leach item when completed. Write N/A item is not applicable.
ENTITY	REVIEH
<u>La</u> 1.	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
<u>№</u> 2.	State Lands and the Tax Commission have been notified through normal procedures of entity changes.
30ND V	ERIFICATION (Fee wells only)
1. NA	(Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2.	A copy of this form has been placed in the new and former operators' bond files.
3.	The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19
LEASE	INTEREST OHNER NOTIFICATION RESPONSIBILITY
9/25/93	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
<u>4/1</u> 2.	Copies of documents have been sent to State Lands for changes involving State leases.
FILMIN	G
	All attachments to this form have been microfilmed. Date:
FILING	
<u>u</u> 1.	Copies of all attachments to this form have been filed in each well file.
<u>fat</u> 2.	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMEN	TS
9309	20 Film / Gennal Accorded 9-10-93. (Lease WTW 02651-A Coly) When leases / wells
boi	120 Pilm / Wenna / Approved 9-10-93. (Lease WTM02651-A Coly) When leases / wells
	
E71/3	4–35

12/93)

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

INING

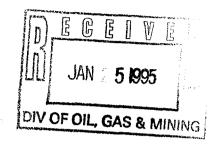
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OFERATOR NAME AND ADDRESS.	UTAH ACCOUNT NUMBER: NO910							
APRIL LAHNUM GENERAL ATLANTIC RES IN	REPORT PERIOD (MONTH/YEAR): 12 / 94							
410 17TH ST STE 1400 BENVER CO 80202	AMENDED REPORT (Highlight Changes)							
Well Name	Producing	Well	Days	T	Production Volumes			
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)		
VÚSA PEARL BROADHURST #1			 			"TITEKODE!		
4304715692 00225 07S 23E 9	GRRV			402651-A				
ÚSA PEARL BROADHURST #4				"	 	· ·		
4304715694 00225 07\$ 23E 9	GRRV			"				
BROADHURST #8				<i>),</i>				
4304730696 00225 07S 23E 10	GRRV							
√BROADHURST #6 4304730705 00225 075 23E 9	GRRV			ii .				
4304730705 00225 07S 23E 9 BROADHURST #7	GRKV		-		 			
4304730730 00225 075 23E 9	GRRV			it				
∕BROADHURST #9	- Grate		 		 			
04730787 00225 07S 23E 10	GRRV			402651				
√r∈ARL BROADHURST 10			1	11 5/ 7/ 4				
4304730839 00225 07S 23E 9	GRRV			U02651-A				
PEARL BROADHURST 11				11				
4304730840 00225 07S 23E 10	GRRV							
PEARL BROADHURST #12 4304730841 00225 075 23E 10	GRRV			u				
PEARL BROADHURST #13	unnv				ļ			
4304730842 00225 075 23E 9	GRRV			И				
∕BROADHURST #15								
4304730901 00225 07S 23E 9	GRRV			μ				
BROADHURST #16								
4304730903 00225 07S 23E 10	GRRV			1/				
BROADHURST #14				H				
4304730904 00225 07S 23E 9	GRRV							
			TOTALS					
			1011100		<u> </u>			
OMMENTS:	 	 						
			· · · · · · · · · · · · · · · · · · ·					
					· · · · · · · · · · · · · · · · · · ·			
another postific that this arrest to the	1. 1	. .						
nereby certify that this report is true and complete to t	ne best of my	knowledg	e.	Da	ate:			
me and Simplifies								
me and Signature:		·	- 	-	Telephone Number:			

UMC Petroleum Corporation



January 23, 1995

State of Utah Division of Oil, Gas and Mining 3 Triad Center, #350 Salt Lake City, Utah 84180-1203

Re: Change of Operator

Gentlemen,

On November 15, 1994, General Atlantic Resources, Inc. merged into UMC Petroleum Corporation. Enclosed please find a copy of the certificate of merger as well as State of Utah Form 9 with an attachment listing all wells and their locations.

UMC Petroleum Corporation will be operating these wells effective January 1, 1995. If there are any questions or you require additional information, please contact the undersigned at (303) 573-4732.

Sincerely,

UMC PETROLEUM CORPORATION

April J.M. Lahnum

Production Technician

ajml

{LETTERS/utah}

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

					-	MANUAL COMPANIES
ME	B	B	1	M	图	
GINT	IAN	2	5	188	5	A CONTRACTOR OF THE PARTY OF TH

2 5 1995

	JAN L. J DO	S. LEASE DESIGNA	TION & SERIAL NO.
	CASA	UTU02651A	TTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS (Do not use this form for proposals to drill or to deepen or plug to use "APPLICATION FOR PERMIT—" for su	ON WELLS reservoir.	SE TE ISHING. ACCO	TTEE OR TRIBE NAME
L. OIL GAS OTHER		7. UNIT AGREEMEN	TNAME
2. NAME OF OPERATOR		8. FARM OR LEASE	NAME
UMC Petroleum Corporation		USA Pearl	Broadhurst
1. ADDRESS OF OPERATOR		9. WELL NO.	1 1 1 1 1 1 1
410 17th Street, Suite 1400, Denver, CO 8 LOCATION OF WELL (Report location clearly and in accordance with any State rec	0202	(see attacl	hed exhibit A
See also space 17 below.)		Green Riv	· ·
(see attached exhibit A) Attroposed prod. zone Sections 9 and 10, T7S, R23	ਸ	11. SEC., T., R., M., O	
At proposed prod. zone Decelions 9 and 10, 175, 125		SURVEY OF	
_	_	Sec 9 & 10	, T7S, R23E
14. API NO. 15. ELEVATIONS (Show whether D	F, RT, GR, etc.)	12. COUNTY	13. STATE
(see att. exhibit A)		Uintah	UT
Check Appropriate Box To Indicate N	lature of Notice. Report or Othe	r Data	
NOTICE OF INTENTION TO:	• •	INT REPORT OF:	
			_
FRACTURE TREAT PULL OR ALTER CASING MULTIPLE COMPLETE	WATER SHUT-OFF.	REPAIR	<u> </u>
SHOOT OR ACIDIZE ABANDON	FRACTURE TREATMENT SHOOTING OR ACIDIZING	•	G CASING
REPAIR WELL CHANGE PLANS	(Other) Change of O		XXX
(Other)	(Note: Report results of Completion or Recomp	multiple completio	n on Well
		redon Report and I	og iona.)
APPROX. DATE WORK WILL START	DATE OF COMPLETION		
 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly s starting any proposed work. If well is directionally drilled, give subsurf pertinent to this work.) 	tate all pertinent details, and give per ace locations and measured and true	tinent dates, includi vertical depths for a	ng estimated date of ill markers and zones
	* Must be accompa	nied by a cement	verification report.
			•
On November 15, 1994, General Atlantic Re Corporation. (See enclosed certificate o		into UMC Pet	roleum
UMC Petroleum Corporation will begin oper	ating the referenced	lease on Jar	nuary 1, 1995
Bond coverage for lease activities is bei their nationwide bond, BLM bond number BO		troleum Corp	ooration unde
	ril J.M. Lahnum	_	00 1005
SIGNED Upwill Out TITLE Pr	oduction Technician	DATE Janu	ary 20, 1995
(This space for Federal or State office use)			
APPROVED BY TITLE		DATE	

GENERAL ATLANTIC RESOURCES, INC. - Well Location Report Report Date: 01-18-1995 - Page 1 Reporting Field WALKER HOLLOW

Utah Production	PRAMS I.D.	Company Identification #	State I.D.#	API Number	Lease Name/Number	Formation	Qtr/Qtr	Sec.	Twp.	Rge	County	Operator
WALKER HOLLOW Field												
PEARL BROADHURST #1	PEARL1	UT-017-01-001	00225	43-047-15692-00	UTU02651A	GREEN RIVER	NESE	9	7s	23F	UINTAH	GARI-BHP
PEARL BROADHURST #10	PEARL10	UT-017-01-009	00225	43-047-30839-00	UTU02651A	GREEN RIVER	NWSW	9	7S		UINTAH	GARI-BHP
PEARL BROADHURST #11	PEARL11	UT-017-01-010	00225	43-047-30840-00	UTU02651A	GREEN RIVER	NWNE	10			UINTAH	GARI-BHP
PEARL BROADHURST #12	PEARL12	UT-017-01-011	00225	43-047-30841-00	UTU02651A	GREEN RIVER	NWNW	10			UINTAH	GARI-BHP
PEARL BROADHURST #13	PEARL13	UT-017-01-012	00225	43-047-30842-00	UTU02651A	GREEN RIVER	NENE	9	7s		UINTAH	GARI-BHP
PBROADHURST #14	PEARL14	UT-017-01-013	00225	43-047-30904-00	UTU02651A	GREEN RIVER	SENE	9	7s	23E	UINTAH	GARI-BHP
PEARL BROADHURST #15	PEARL15	UT-017-01-014	00225	43-047-30901-00	UTU02651A	GREEN RIVER	SESE	9	7s	23E	HATMIU	GARI-BHP
PEARL BROADHURST #16	PEARL16	UT-017-01-015	00225	43-047-30903-00	UTU02651A	GREEN RIVER	NWSW	10	7s	23E	UINTAH	GARI-BHP
PEARL BROADHURST #17	PEARL17	UT-017-01-016	00225	43-047-30905-00	UTU02651A	GREEN RIVER	SENW	10	7s	23E	UINTAH	GARI-BHP
PEARL BROADHURST #18	PEARL18	UT-017-01-017	00225	43-047-30939-00		GREEN RIVER	NWNE	9	7s	23E	UINTAH	GARI-BHP
PEARL BROADHURST #19	PEARL19	UT-017-01-018	00225	43-047-30940-00		GREEN RIVER	NWNE	9	7s	23E	UINTAH	GARI-BHP
PEARL BROADHURST #2 (\omega \omega \omega)	PEARL2	UT-017-01-002	00225	43-047-15693-00		GREEN RIVER	SWNW	10	7s	23E	UINTAH	GARI-BHP
PEARL BROADHURST #20	PEARL20	UT-017-01-019	00225	43-047-30941-00		GREEN RIVER	SESW	9	7s	23E	UINTAH	GARI-BHP
PEARL BROADHURST #21	PEARL21	UT-017-01-020	00225	43-047-30942-00		GREEN RIVER	SESW	9	7s	23E	HATRIU	GARI-BHP
PEARL BROADHURST #22	PEARL22	UT-017-01-021	00225	43-047-31025-00		GREEN RIVER	SESW	10	7s	23E	UINTAH	GARI-BHP
PEARL BROADHURST #4	PEARL4	UT-017-01-003	00225	43-047-15694-00		GREEN RIVER	SWSE	9	7s	23E	UINTAH	GARI-BHP
PEARL BROADHURST #5 (ωίω)	PEARL5A	UT-017-01-004	00225	43-047-15695-00		GREEN RIVER	SWSW	10	7s	23E	HATMIU	GARI-BHP
PEARL BROADHURST #6		UT-017-01-005	00225	43-047-30705-00		GREEN RIVER	NESW	9	7 S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #7 PEARL BROADHURST #8	PEARL7	UT-017-01-006	00225	43-047-30730-00		GREEN RIVER	SWSW	9	7s	23E	UINTAH	GARI-BHP
		UT-017-01-007	00225	43-047-30696-00		GREEN RIVER	NESW	10	7s	23E	UINTAH	GARI-BHP
PEARL BROADHURST #9	PEARL9	UT-017-01-008	00225	43-047-30787-00	UTU02651A	GREEN RIVER	NENW	10	7S	23E	UINTAH	GARI-BHP

EXHIBIT "A"

State of Delaware

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"GENERAL ATLANTIC RESOURCES, INC.", A DELAWARE CORPORATION, WITH AND INTO "UMC PETROLEUM CORPORATION" UNDER THE NAME OF "UMC PETROLEUM CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTEENTH DAY OF NOVEMBER, A.D. 1994, AT 11:10 O'CLOCK A.M.



Edward J. Freel, Secretary of State

AUTHENTICATION:

DATE: 7306080

11-17-94

2257442 8100M

944221473

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 11:10 AM 11/15/1994 944219417 - 2257442

CERTIFICATE OF MERGER

OF

GENERAL ATLANTIC RESOURCES, INC., A DELAWARE CORPORATION

AND

UMC PETROLEUM CORPORATION, A DELAWARE CORPORATION

UMC Petroleum Corporation, a Delaware corporation, certifies that:

- 1. <u>Constituent Corporations</u>. The constituent business corporations participating in the merger herein certified are:
- (a) General Atlantic Resources, Inc., which is incorporated under the laws of the State of Delaware; and
- (b) UMC Petroleum Corporation, which is incorporated under the laws of the State of Delaware.
- 2. Approval of Agreement and Plan of Merger. An Agreement and Plan of Merger dated as of August 9, 1994 ("Agreement and Plan of Merger"), has been approved, adopted, certified, executed and acknowledged by each of the aforesaid constituent corporations in accordance with the provisions of Section 251 of the General Corporation Law of the State of Delaware.
- 3. <u>Surviving Corporation</u>. The surviving corporation (the "<u>Surviving Corporation</u>") in the merger herein certified is UMC Petroleum Corporation, a Delaware corporation.
- 4. <u>Certificate of Incorporation</u>. The certificate of incorporation of UMC Petroleum Corporation, a Delaware corporation, shall be the certificate of incorporation of the Surviving Corporation, except that Article 4 thereof is hereby amended and restated in its entirety as follows:
 - 1. Authorized Shares. The total authorized capital stock of the corporation shall consist of Common Stock. The aggregate number of shares of Common Stock that the corporation shall have authority to issue is three thousand (3,000) with the par value of one cent (\$.01) per share.
- 5. Agreement and Plan of Merger on Pile. The executed Agreement and Plan of Merger is on file at the principal place of business of the Surviving Corporation, the address

of which as of the date hereof is as follows:

1201 Louisiana Street Suite 1400 Houston, Texas 77002

6. Copies of Agreement and Plan of Merger. A copy of the Agreement and Plan of Merger will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of any of the aforesaid constituent corporations.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Merger on behalf of UMC Petroleum Corporation on this 15th day of November, 1994.

UMC PETROLEUM CORPORATION, a Delaware corporation

By:

Name:

John B. Brock

Title:

President and Chief Executive Officer

Attest:

By:

Name:

Title:

Marya Ingram

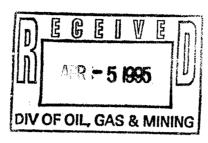
Corporate Secretary

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3100 U-02651A et al (UT-923)



MAR 2 4 1995

NOTICE

UMC Petroleum Corporation 1201 Louisiana, Suite 1400 Houston, Texas 77002-5603 Oil and Gas

U-02651A, U-51411, U-55626, U-58530

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of General Atlantic Resources, Inc. into UMC Petroleum Corporation with UMC Petroleum Corporation being the surviving entity.

For our purposes, the merger is recognized effective November 15, 1994.

The oil and gas lease files identified above have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

A rider to UMC's bond (BLM Bond No. NM1773) assuming the liability accrued under General's bond (BLM Bond No. CO1023) was accepted effective March 7, 1995, the date the rider was filed.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral Leasing Adjudication

bc:

Vernal District Office

Moab District Office

MMS—Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217

UT-922 (Teresa Thompson)

Lisha Cordova, State of Utah, Division of Oil, Gas, and Mining, 3 Triad Center, Suite 350, Salt Lake City, Utah 84189-1204

Date March 15,

APR 0 6 1995

FORM APPROVED UNITED STATES Form 3160-5 Budget Bureau No. 1004-0135 (June 1990) DEPARTMENT OF THE INTERIOR Expires: March 31, 1993 BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No. SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE UTU02651A 1. Type of Well Gas Well 8. Weil Name and No. 2. Name of Operator Pearl Broadhurst Q API Well No UMC Petroleum Corporation 3. Address and Telephone No. (see attachment) 10. Field and Pool, or Exploratory Area (303) 573-5100 410 17th Street, Suite 1400, Denver, CO 80202 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Walker Hollow 11. County or Parish, State (see attachment) Uintah, UT CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Notice of Intent Abandonment Change of Plans New Construction Recompletion Subsequent Report Non-Routine Fracturing Plugging Back Casing Repair Water Shut-Off Conversion to Injection Altering Casing Final Abandonment Notice Other Change of Operator Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* On November 15, 1994, General Atlantic Resources, Inc. merged with UMC Petroleum Corporation (See enclosed certificate of merger.) Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by UMC Petroleum Corporation under their nationwide bond, BO1843. They will be reponsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice. Attachment lists all wells associated with the referenced agreement number and API well numbers. INO. WPB PRE617 **100** DIV OF PREJGAS & MINING

April J.M. Lahnum
Tue Production Technician

	State 1.D.#	API Number	Lease Name/Number	Formation	Qtr/Qtr	Sec.	Twp.	Rge	County
Utah Production									
WALKER HOLLOW Field									
PEARL BROADHURST #1	00225	43-047-15692-00	UTU02651A	GREEN RIVER	NESE	9	7s	23E	UINTAH
PEARL BROADHURST #10	00225	43-047-30839-00	UTU02651A	GREEN RIVER	NWSW	9	7s	23E	UINTAH
PEARL BROADHURST #11	00225	43-047-30840-00	UTU02651A	GREEN RIVER	NWNE	10	7s	23E	UINTAH
PEARL BROADHURST #12	00225	43-047-30841-00	UTU02651A	GREEN RIVER	NWNW	10	7s	23E	UINTAH
PEARL BROADHURST #13	00225	43-047-30842-00	UTU02651A	GREEN RIVER	NENE	9	7s	23E	HATRIU
PEARL BROADHURST #14	00225	43-047-30904-00	UTU02651A	GREEN RIVER	SENE	9	78	23E	HATRIU
PEARL BROADHURST #15	00225	43-047-30901-00	UTU02651A	GREEN RIVER	SESE	9	7S	23E	UINTAH
PEARL BROADHURST #16	00225	43-047-30903-00	UTU02651A	GREEN RIVER	NWSW	10	7 S	23E	HATNIU
PEARL BROADHURST #17	00225	43-047-30905-00	UTU02651A	GREEN RIVER	SENW	10	7s	23E	HATMIU
PEARL BROADHURST #18	00225	43-047-30939-00	UTU02651A	GREEN RIVER	NWNE	9	7s	23E	UINTAH
PEARL BROADHURST #19		43-047-30940-00	UTU02651A	GREEN RIVER	NWNE	9	7s	23E	UINTAH
PEARL BROADHURST #2	00225	43-047-15693-00	UTU02651A	GREEN RIVER	SWNW	10	7\$	23E	UINTAH
PEARL BROADHURST #20	00225	43-047-30941-00	UTU02651A	GREEN RIVER	SESW	9	7s	23E	UINTAH
PEARL BROADHURST #21		43-047-30942-00	UTU02651A	GREEN RIVER	SESW	9	7 S	23E	UINTAH
PEARL BROADHURST #22	00336	43-047-31025-00	UTU0265 (A	GREEN RIVER	SESW	10	7S	23E	UINTAH
PEARL BROADHURST #4	00225	43-047-15694-00	UTU02651A	GREEN RIVER	SWSE	9	7s	23E	HATHIU
PEARL BROADHURST #5	00225	43-047-15695-00	UTU02651A	GREEN RIVER	SWSW	10	7\$	23E	UINTAH
PEARL BROADHURST #6	00225	43-047-30705-00	UTU02651A	GREEN RIVER	NESW	9	7s	23E	UINTAH
PEARL BROADHURST #7	00225	43-047-30730-00	UTU02651A	GREEN RIVER	SWSW	9	7s	23E	UINTAH
PEARL BROADHURST #8	00225	43-047-30696-00	UTU02651A	GREEN RIVER	NESW	10	7\$	23E	UINTAH
PEARL BROADHURST #9	00225	43-047-30787-00	UTU02651A	GREEN RIVER	NENW	10	7\$	23E	HATRIU

	on of Oil, Gas and Mining TOR CHANGE HORKSHEET		1	Rout 199:
	all documentation received by the divisi each listed item when completed. Write			2-LVP 7-SJ / 3-D-72/8-PL / 4-VLC 9-F/LE
	nge of Operator (MERGEI ignation of Operator	Designation of Ag Operator Name Cha		5-RJF V
The or	perator of the well(s) listed bel			
TO (ne	w operator) (address) (address) DENVER CO 80202 APRIL LAHNUM (915)68 phone (303)573-5100 account no. N9215	3–3003	derator) GENERAL ATLAN (ddress) 410 17TH ST S DENVER CO 80 APRIL LAHNUM phone (303) account no.	573-5100
Hell(s) (attach additional page if needed):			
Name: Name: Name: Name:	**SEE ATTACHED** API: API: API: API: API: API: API: API	Entity: S Entity: S Entity: S Entity: S Entity: S	ecTwpRngLea ecTwpRngLea ecTwpRngLea ecTwpRngLea	ase Type: ase Type: ase Type: ase Type: ase Type: ase Type:
fec 1.	OR CHANGE DOCUMENTATION (Rule R615-8-10) Sundry or ot operator (Attach to this form).	(Redd 1-25-95)		
Lac 2.	(Rule R615-8-10) Sundry or othe (Attach to this form). (keld)-75-9	r <u>legal</u> documentation ha $arepsilon$	s been received from	new operator
•	The Department of Commerce has operating any wells in Utah. yes, show company file number:	Is company registered wi 152682 (4.6/1)	ith the state? (yes/	no) If
	(For Indian and Federal Hells (attach Telephone Documentatio comments section of this form. changes should take place prior	Management review of to completion of steps 5	Federal and Indian to through 9 below.	well operator
μ <u>c</u> 5.	Changes have been entered in the listed above. (44.45)	e Oil and Gas Informatio	n System (Wang/IBM)	for each well
WP 6.	Cardex file has been updated for	each well listed above.	4-18-95	
W 7.	Well file labels have been updat	ed for each well listed	above. 4-18-95	
<u>sc</u> 8.	Changes have been included on t for distribution to State Lands	he monthly "Operator, A and the Tax Commission.	ddress, and Account (4-6-95)	
LC9.	A folder has been set up for the placed there for reference during	e Operator Change file, g routing and processing	and a copy of this post of the original doc	page has been uments.

_ OVED _

OPERATOR	R CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
ENTITY	REVIEW
<u>Lec</u> 1.	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
N/A 2.	State Lands and the Tax Commission have been notified through normal procedures of entity changes.
BOND VI	ERIFICATION (Fee wells only)
	(Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2.	A copy of this form has been placed in the new and former operators' bond files.
3.	The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19
LEASE I	NTEREST OWNER NOTIFICATION RESPONSIBILITY
- 	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
<u>1/1-</u> 2.	Copies of documents have been sent to State Lands for changes involving State leases.
FILMING	
1.	All attachments to this form have been microfilmed. Date: 1995.
FILING	
1.	Copies of all attachments to this form have been filed in each well file.
	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMENT	S .
950131	1 Reg. UIC F5 (27 Wells.
9502	Trust Lands admin. "accepted merger".
95032	4 Bhm/54 agrv. eft. 11-15-94.
	7 .
1571 /24	25
NE71/34	-30

:

DISSION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Selt Leke City, UT 84114-5801

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:			UTAH ACCOUNT NUMBER: N9215				
LORETTA A MURPHY UMC PETROLEUM CORPORATION PO BOX 549			REPORT PERIOD (MONTH/YEAR): 6 / 98				
NEWCASTLE WY 82701-054	·9 		AMENDED REPORT (Highlight Changes)				
Vell Name	Producing	Well	Days	Production Volumes			
Pl Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)	
USA PEARL BROADHURST #1 4304715692 00225 075 23E 9	GRRV			U-02651-A			
USA PEARL BROADHURST #4 4304715694 00225 075 23E 9 BROADHURST #8	GRRV			U-02651-A			
4304730696 00225 07S 23E 10 BROADHURST #6	GRRV			ч			
4304730705 00225 07S 23E 9 BROADHURST #7	GRRV			11			
4304730730 00225 07S 23E 9 BROADHURST #9 	GRRV	:		11-02651			
1204730787 00225 07S 23E 10 1RL BROADHURST 10 4304730839 00225 07S 23E 9	GRRV GRRV			U-02651-A			
PEARL BROADHURST 11 4304730840 00225 07S 23E 10	GRRV			11		•	
PEARL BROADHURST #12 4304730841 00225 075 23E 10	GRRV			(1			
PEARL BROADHURST #13 4304730842 00225 075 23E 9 BROADHURST #15	GRRV			,1			
4304730901 00225 07S 23E 9 BROADHURST #16	GRRV			11			
4304730903 00225 075 23E 10 BROADHURST #17	GRRV						
4304730905 00225 07S 23E 10	GRRV			(1			
		•	TOTALS				
					·		
MMENTS:							
ereby certify that this report is true and complete to t	he best of my	knowledge.		Date	:		
ne and Signature:					lephone Number:		
(0.3)							

Page 2 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

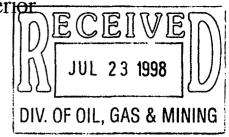
OPERATOR NAME AND ADDRESS:	······		UTA	H ACCOUNT NUMBER	N9215		
LORETTA A MURPHY UMC PETROLEUM CORPORATION PO BOX 549			REPORT PERIOD (MONTH/YEAR): 6 / 98				
NEWCASTLE WY 82701-054	· 9		AME	NDED REPORT (H	ighlight Changes)		
Well Name	Producing	Well	Days		Production Volumes		
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)	
BROADHURST #18 4304730939 00225 07S 23E 9 PEARL BROADHURST 19	GRRV			11-02651-A			
4304730940 00225 075 23E 9 BROADHURST #20	GRRV		<u> </u>	11			
4304730941 00225 075 23E 9 BROADHURST #21	GRRV			u u		···········	
4304730942 00225 075 23E 9	GRRV						
PEARL BROADHURST 22 4304731025 00225 075 23E 10	GRRV			(1			
-							
					·		
			TOTALS	18.5			
OMMENTS:							
	······································						
hereby certify that this report is true and complete to	the best of my	knowledge		Date	e:		
ame and Signature:				Te	lephone Number:		
L.,,,							



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



In Reply Refer To: 3100 U-02651A et al (UT-932) 7,111 2 1 1998

NOTICE

Ocean Energy, Inc. 1201 Louisiana, Suite 1400 Houston, TX 77002-5603 (713)654-9110 Oil and Gas: 4U-02651A,

U-09712A, U-020691A,U-8894A, U-8895A, U-8897A,U-40401, U-64058

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of UMC Petroleum Corporation into Ocean Energy, Inc. with Ocean Energy, Inc. being the surviving entity.

For our purposes, the merger is recognized effective May 15, 1998, the effective date set by the New Mexico State Office.

The oil and gas lease files identified above have been noted as to the merger. The list was compiled from your list of leases, and a list of leases obtained from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal is automatically changed by operation of law from UNIC Petroleum Corporation to Ocean Energy, Inc. on Bond No. BO1843 (BLM Bond No. NM1773). A rider amending the principal's name from UMC Petroleum Corporation to Ocean Energy, Inc. has been filed in the New Mexico State Office, examined, and found to be satisfactory.

ROBERT LOPEZ
Robert Lopez
Group Leader,
Minerals Adjudication Group

cc: Moab District Office

Vernal Field Office

MMS-Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217 State of Utah, DOGM, Attn: Lisha Cordova (Ste. 1210) P.O. Box 145801, SLC, UT 84114



DIV OF OIL, GAS & MINING

September 2, 1998

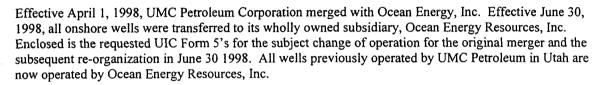
Lisha Cordova Utah Department of Natural Resources Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801

RE:

Merger of UMC Petroleum Corporation and Ocean Energy, Inc.

Pearl Broadhurst #2, #4, #5 & #14.

Dear Ms. Cordova:



There has been no change in personnel with whom you are already familiar. Furthermore, the address for all notices, revenues and remittances, notifications and general correspondence remains the same:

Ocean Energy, Resources, Inc. 410 17th Street, Suite 1400 Denver, Colorado 80202

Please distribute this notice to any other applicable departments within your organization that should be aware of this change.

If you have any questions, please feel free to contact the undersigned at (303) 573-4721.

Sincerely,

Scott M. Webb

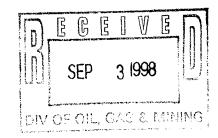
Regulatory Coordinator



SECRETARY OF STATE

As Pecretary of State. of the State of Louisiana, I do hereby Certify that

the annexed and following is a True and Correct copy of a Merger as shown by comparison with document filed and recorded in this Office on March 27, 1998.



In lestimony whereof, I have hereunto set my hand and caused the Seal of my Office to be affixed at the City of Balon Rouge on,

April 17, 1998

CGR

Secretary of State



CERTIFICATE OF MERGER

of UMC Petroleum Corporation, a Delaware corporation into Ocean Energy, Inc., a Louisiana corporation

Pursuant to Section 112 of the Louisiana Business Corporation Law (the "LBCL"), Ocean Energy, Inc., a Louisiana corporation ("OEI"), hereby adopts the following Certificate of Merger regarding the merger (the "Merger") of UMC Petroleum Corporation, a Delaware corporation ("UMCPC" and, together with OEI, the "Constituent Corporations"), with and into OEI, with OEI as the surviving corporation (the "Surviving Corporation").

- 1. Ocean Energy, Inc., a Louisiana corporation, and UMC Petroleum Corporation, a Delaware corporation, are the parties to the Merger.
- 2. The Agreement and Plan of Merger, dated March 27, 1998 (the "Merger Agreement"), has been approved, adopted, certified, executed and acknowledged by the Constituent Corporations in accordance with Section 112 of the LBCL.
 - 3. The Merger is effective at 3:02 p.m., Central Standard Time, on March 27, 1998.
 - 4. The name of the Surviving Corporation shall be Ocean Energy, Inc.
- 5. Article III of the Articles of Incorporation of Ocean Energy, Inc. is amended in connection with the Merger to increase the authorized capital of the Surviving Corporation and, as a result of the amendment, Article III shall be and read as follows: The aggregate number of shares which the corporation shall have authority to issue is 3,000 shares without par value, all of which shares shall be of one class and shall be designated as Common Stock. The Articles of Incorporation of the Surviving Corporation as amended by the amendment to Article III shall be its articles of incorporation.
- 6. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1201 Louisiana, Suite 1400, Houston, Texas 77002.
- 7. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any shareholder of UMC Petroleum Corporation or Ocean Energy, Inc., the parties to the Merger.

This Certificate of Merger is dated this 27th day of March, 1998.

OCEAN ENERGY, INC.

Name: Pohert K. Peave

Title: Executive Vice President,

General Counsel and Secretary

STATE OF TEXAS

Ş

COUNTY OF HARRIS

8

BEFORE ME, the undersigned authority, personally came and appeared Robert K. Reeves, who being duly sworn, declared and acknowledged before me that he is the Executive Vice President, General Counsel and Secretary of Ocean Energy, Inc., a Louisiana corporation, and acknowledged to me that he was authorized to and executed the foregoing Certificate of Merger of UMC Petroleum Corporation into Ocean Energy, Inc. in such capacity for the purposes therein expressed, and as his, and said corporation's free act and deed.

IN WITNESS WHEREOF, the said appearer, witnesses and I, notary, have hereunto affixed our hands on this 27th day of March, 1998 at Houston, Texas.

WITNESS

Robert K. Reeves

KINLOCH GILL III NOTARY PUBLIC State of Texas Corren, Exp. 09-19-2000

Notary Public in and for the State of Texas

State of Delaware Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"UMC PETROLEUM CORPORATION", A DELAWARE CORPORATION,

WITH AND INTO "OCEAN ENERGY, INC." UNDER THE NAME OF "OCEAN ENERGY, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF LOUISIANA, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SEVENTH DAY OF MARCH, A.D. 1998, AT 12:22 O'CLOCK P.M.

Edward J. Freel, Secretary of State

AUTHENTICATION: 9012828

DATE: 04-06-98

2257442 8100M

981130659

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 12:22 PM 03/27/1998 981119273 - 2257442

CERTIFICATE OF MERGER

Merger of UMC Petroleum Corporation, a Delaware corporation
With and Into
Ocean Energy, Inc., a Louisiana corporation

Pursuant to the Provisions of Section 252 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of UMC Petroleum Corporation, a Delaware corporation, with and into Ocean Energy, Inc., a Louisiana corporation (together with UMC Petroleum Corporation, the "Constituent Corporations"), with Ocean Energy, Inc. as the surviving corporation (the "Surviving Corporation").

- 1. The Agreement and Plan of Merger, dated March 27, 1998 (the "Merger Agreement"), has been approved, adopted, certified, executed and acknowledged by the Constituent Corporations in accordance with Section 252 of the Delaware General Corporation Law.
- 2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective at 3:02 p.m., Central Standard Time, on March 27, 1998.
 - 3. The name of the Surviving Corporation shall be Ocean Energy, Inc.
- 4. Article III of the Articles of Incorporation of Ocean Energy, Inc. is amended in connection with the Merger to increase the authorized capital of the Surviving Corporation and, as a result of the amendment, Article III shall be and read as follows: The aggregate number of shares which the corporation shall have authority to issue is 3,000 shares without par value, all of which shares shall be of one class and shall be designated as Common Stock. The Articles of Incorporation of the Surviving Corporation as amended by the amendment to Article III shall be its articles of incorporation.
- 5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1201 Louisiana, Suite 1400, Houston, Texas 77002.
- 6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of UMC Petroleum Corporation or Ocean Energy, Inc.
- 7. The Surviving Corporation may be served with process in the State of Delaware in any proceeding for enforcement of any obligation of the Constituent Corporations, as well as for enforcement of any obligation of the Surviving Corporation arising from the Merger, including any suit or other proceeding to enforce the right of any stockholder as determined in appraisal proceedings pursuant to the provisions of Section 262 of the Delaware General Corporation Law, and the Surviving Corporation does hereby irrevocably appoint the Secretary of State of

Delaware as its agent to accept service of process in any such suit or other proceedings. The address to which a copy of such process shall be mailed by the Secretary of State of Delaware is c/o Ocean Energy, Inc., 1201 Louisiana, Suite 1400, Houston, Texas 77002, Attention: Secretary, until the Surviving Corporation shall have hereafter designated in writing to the Secretary of State of Delaware a different address for such purpose.

Dated this 27th day of March, 1998.

OCEAN ENERGY, INC

Name: Robert K. Reeves

Title: Executive Vice President,

General Counsel and Secretary

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change. Initial each listed item when completed. Write N/A if item is not applicable.

Routing /	
1-11000	6-LECKRY
2-GL/12	7-KAS
3-075 ce	8-SJ
4-VI-DCDW	9-FILE
5-IR	

	nge of Operatignation of O	tor (well sold) perator		ignation of erator Name	_	nly			
The open	rator of the w	vell(s) listed below	v has changed, e	effective: _	4-1-98	(MERG	GER)		
TO: (ne	w operator) (address)	OCEAN ENERGY PO BOX 549 NEWCASTLE WY		FROM:	(old operat (ad	tor) Idress)	UMC PETROI PO BOX 549 NEWCASTLE		
		Phone: (307)74 Account no. N3		8)			Phone: (30) Account no.	07) 746–4052 N9215	
WELL(${f S})$ attach addition	onal page if needed:							
Name: Name:	**SEE ATTAC	API: API: API: API: API:		Entity: Entity: Entity:	S S S S S S	$$ $\frac{T}{T}$	R		
OPERA	TOR CHAN	IGE DOCUMEN	TATION						
Lec 1.	form). (\cancel{k}_c) (r649-8-10)	Sundry or other leads of the sundry or other Sundry or other	_					• . · ·	
	wells in Uta	tment of Comme h. Is the compan (ef. 3-23-98	y registered wi	ontacted if the state	the new ope e? (yes/no)	erator at	pove is not cu If yes, show c	errently operating company file numb	any ber
<u>lec</u> 4.	note of BLN	AN AND FEDERAM status in commould ordinarily talelow.	ents section of	this form.	BLM appr	oval of	Federal and	Indian well opera	ato
he 5.	17-31-98/	ve been entered in ** ** ** ** ** ** ** ** ** ** ** ** **	E. DBASE) for each wel	l listed above.	
Chol.	Well file lab	oels have been upo	dated for each v	vell listed a	bove. (8-3	-98)			
<u>Lec</u> 8.	Changes have	e been included or ds, Sovereign Lan	n the monthly "	Operator, A	ddress, and	l Accour	nt Changes" n	nemo for distribut	ior
<u>Lec</u> 9.		s been set up for ring routing and p				py of th	nis page has l	peen placed there	fo

OPERAT	TOR CHANGE WORKSHEET (continued) - Initial each item when completed. Write N/A if item is not applicable.
ENTIT	Y REVIEW
Lec 1.	(r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
NAJ 2.	Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.
BOND	VERIFICATION - (FEE WELLS ONLY)
<u>N</u> 1.	(r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
	A copy of this form has been placed in the new and former operator's bond files.
3.	The FORMER operator has requested a release of liability from their bond (yes/no), as of today's date If yes, division response was made to this request by letter dated
LEASE	INTEREST OWNER NOTIFICATION OF RESPONSIBILITY
NATEL.	Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
MAJ 2.	(r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19, of their responsibility to notify all interest owners of this change.
FILMIN	IG
1.	All attachments to this form have been microfilmed . Today's date: 12.8.98.
FILING	
1.	Copies of all attachments to this form have been filed in each well file.
2.	The original of this form, and the original attachments are now being filed in the Operator Change file.
COMMI	ENTS

Dogo	1	- 6	2	
Page		of	_	

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:			UTA	H ACCOUNT NUMBE	R:N3220	
LORETTA A MURPHY OCEAN ENERGY INC PO BOX 549			REPO	ORT PERIOD (MONTH	I/YEAR): 12 / 98	
NEWCASTLE WY 82701-054	9		AME	ENDED REPORT (H	Highlight Changes)	
Vell Name	Producing	Well	Days	T	Production Volumes	
PI Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)
USA PEARL BROADHURST 1						······································
4304715692 00225 075 23E 9	GRRV			U-02651-A		
USA PEARL BROADHURST 4 4304715694 00225 075 23E 9	GRRV			U-02651-A	* per Sundry ?	
BROADHURST 8	GILITY			1		
4304730696 00225 07S 23E 10	GRRV			U-02651-A		
BROADHURST 6 4304730705 00225 07S 23E 9	GRRV			U-02651-A		
BROADHURST 7	GRRV					· · · · · · · · · · · · · · · · · · ·
43 04730730 00225 075 23E 9	GRRV			U-D2651-A		
BROADHURST 9 4304730787 00225 075 23E 10	CDDV					
4304730787 00225 075 23E 10 ARL BROADHURST 10	GRRV		1	U-02651		
4304730839 00225 07S 23E 9	GRRV			U-02651-A		
PEARL BROADHURST 11 4304730840 00225 075 23E 10	GRRV			U-02U51-A		
PEARL BROADHURST 12						
4304730841 00225 075 23E 10 PEARL BROADHURST 13	GRRV			U-02651-A		······································
4304730842 00225 075 23E 9	GRRV			U-02651-A		
BROADHURST 15						
4304730901 00225 07S 23E 9 BROADHURST 16	GRRV			U-02651-A	:	
4304730903 00225 07S 23E 10	GRRV			U-02651-A		
BROADHURST 17						
4304730905 00225 07S 23E 10	GRRV			U-02651-A		
			TOTALS			
141473						
MMENTS:						
		 .		····		
certify that this report is true and complete to the	he best of my	knowledge.		Da	ite:	
ne and Signature:				7	Telephone Number:	
					owbridge taninoer:	
·/93)						

18. I hereby certify that the for SIGNED (This space for Federal or S	T-UW TITLE Re	gulatory Coordintor	DIV. OF CIL, GA	
//-			and the common description of the state of the Park and the	
		Amenda am	JAN 13	1999 U) S & MIMMAG
			JAN 13 DIV. OF CIL, GA	1999 U) S & MINERIG
			JAN 13	1999
		Comments of the Comments of th	JAN 13	1999
			I I ARL 4 A	4000
			14/1	Manufacture of the Control of the Co
	nouston, lexas ///0/0-302	J	MECE.	UVEN
	Suite 250 Houston, Texas 77070-562	3	(778) (8) (50)	and the second of the second of the second
New Operator:	Citation Oil & Gas Corp. 8223 Willow Place South	(281) 469-96	64	
	•			
	Denver, Colorado 80202	•		
Former Operator:	Ocean Energy, Resources, 410 17th Street, Suite 1		.00	•
pertinent to this work.) Change of Operato	r: Effective Date January	1. 1999.* Must be accom	apanied by a cement	verification repo
 DESCRIBE PROPOSED OR starting any proposed work, 	COMPLETED OPERATIONS (Clearly st If well is directionally drilled, give subsurf	tate all pertinent details, and give ace locations and measured and t	pertinent dates, includ rue vertical depths for	ing estimated date of all markers and zon
APPROX. DATE WORK WILL		DATE OF COMPLETION _		
(Other)			ompletion Report and	
REPAIR WELL	CHANGE PLANS	(Other) Change Of	Operator	XX XX
FRACTURE TREAT SHOOT OR ACIDIZE	MULTIPLE COMPLETE ABANDON	FRACTURE TREATMENT SHOOTING OR ACIDIZING	ABANDO	MENT*
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	 	NG WELL
NOTICE O	F INTENTION TO:	SUBSE	QUENT REPORT OF:	
16. C	heck Appropriate Box To Indicate N	•		٠
43.047.30			Uintah	UT
14. API NO.	15. ELEVATIONS (Show whether DF	RT, GR, etc.)	12 COUNTY	13. STATE
			9 -7S-R23E	
At proposed prod. zone	-, 101 0 101, 11H HW U	 ·	11. SEC., T., R., M., O SURVEY OF	
See also space 17 below.)	29' FSL & 1819' FEL NW S		Walker Hol	
•	tion clearly and in accordance with any State requ		10. FIELD AND POO	
3. ADDRESS OF OPERATOR	Suite 1400, Denver, Colora	do 80202	9. WELL NO.	10
Ocean Energy Resou	irces, Inc.		USA Pearl B	roadhurst
WELL X WELL OT NAME OF OPERATOR	THER		8. FARM OR LEASE	NAME
I. OIL 🗑 GAS 🗍			1. UNIT AGREEMEN	TNAME
Use "	r proposals to drill or to deepen or plug ba 'APPLICATION FOR PERMIT—" for such	ck to a different reservoir. 1 proposals.)		
(Do not use this form for	notices and reports c	N WELLS	6. IF INDIAN, ALLOT	TEE OR TRIBE MAME
SUNDRY I			U-025651-A	
SUNDRY I			T CENSE DESIGNAT	ION & SERIAL NO.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

			U-025651-A	N & SERIAL NO.
(Do not use this form for	NOTICES AND REPORTS or proposals to drill or to deepen or plug to APPLICATION FOR PERMIT—" for su	back to a different reservoir.	6. IF INDIAN, ALLOTTI	EE OR TRIBE NAME
L.			. UNIT AGREEMENT	NAME
	HER		8. FARM OR LEASE NA	
2. NAME OF OPERATOR			USA Pearl Bro	
Citation Oil & Gas	Corp.		9. WELL NO.	
-,	South, Suite 250, Houston	on, TX 77070-5623	10	
4. LOCATION OF WELL (Report local	tion clearly and in accordance with any State re	quirements.	10. FIELD AND POOL,	
See also space 17 below.) At surface	of par c 10101 ppr Nu C	n	Walker Holl	
At proposed prod. zone	9' FSL & 1819' FEL NW S	L	11. SEC., T., R., M., OR SURVEY OR	
			9-T7S-R23E	
14. API NO.	15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY	13. STATE
43.047.308	339		Uintah	UT
16. C	heck Appropriate Box To Indicate	Nature of Notice, Report of	r Other Data	
NOTICE O	F INTENTION TO:	sur	BSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRIN	G WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING	CASING
SHOOT OR ACIDIZE	ABANDON	SHOOTING OR ACIDIZIN	G ABANDON	MENT*
REPAIR WELL	CHANGE PLANS	(Other) Change C	sults of multiple completion	on Well
(Other)			Recompletion Report and Lo	
APPROX. DATE WORK WILL	START	DATE OF COMPLETION	N	
starting any proposed work. pertinent to this work.)	COMPLETED OPERATIONS (Clearly If well is directionally drilled, give subst	urface locations and measured as	nd true vertical depths for al	U markers and zones
Change of Operato	or: Effective Date Januar	ry 1, 1999.* Must be acc	companied by a cement	verification report
Former Operator:	Ocean Energy, Resources 410 17th Street, Suite Denver, Colorado 80202		-5100 ·	
New Operator:	Citation Oil & Gas Corr 8223 Willow Place South Suite 250	n	-9664	
	Houston, Texas 77070-56		DECEIN DAN 141	999
·			07.011.000	O MINING
			DIV. OF OIL, GAS	& IVITIVITYU
18. I hereby certify that the fo	regoing is true and correct	14 D :/ 4/	,	8.00
SIGNED ANDUL	J. Mandy TITLE	Vice President Land	DATE -1	77
(This space for Federal or	State office use)			
•	TITLE _		DATE	
APPROVED BY	WAT IT ANY.			



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

IN REPLY REFER TO:

170 South 500 EastPhone: (435) 781-4400 Vernal, Utah 84078-2799Fax: (435) 781-4410

3160 UT08300

February 17, 1999

Citation Oil & Gas Corporation Attn: Sharon Ward P O Box 690688 Houston, TX 77269-0688

Re:

USA Pearl Broadhust Wells 1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,

20, 21, and 22

Sec. 9 & 10, T7S, R23E

Lease U-02651-A Uintah County, Utah

Dear Ms. Ward:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Citation Oil & Gas Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0630, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4492.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager for

Minerals Resources

cc: Ocean Energy, Inc.
Amoco Production Co.
Utah Div. Oil, Gas & Mining

From:

<Margie_Herrmann@ut.blm.gov>

To:

<nrogm.krisbeck@state.ut.us>

Date:

Tue, Jun 1, 1999 11:18 AM

Subject:

Change of Operator

Here goes again! Let me know if you receive it. Thank you, Margie

OPERATOR CHANGE WORKSHEET		1-KDR V	6-KAS
	/	2-GLH	7-SJ
Attach all documentation received by the division regarding this change.	ļ-	3-JRB	8-FILE
Initial each listed item when completed. Write N/A if item is not applicable.	-	4-CDW 4	· ·
	L	5-KDR √	<u></u>
Change of Operator (well sold) Designation of Agent			
☐ Designation of Operator ☐ Operator Name Change Only	•		
The operator of the well(s) listed below has changed, effective: 1-1-99			
TO: (new operator) CITATION OIL & GAS CORP FROM: (old operator)	_OCEAN	ENERGY RE	SOURCESING
(address) 8223 WILLOW PL. SOUTH STE 250 (address) HOUSTON, TX 77070-5623		7TH STREET R, CO 802	
Diama (201)/(0 0(()	Dlagge	(000) =====	
Phone: (281)469–9664 Account no. N0265		(303) 573-5 no. <u>N3220</u>	
WELL(S) attach additional page if needed:			
Name: *SEE ATTACHED* API: 43.047.30839 Entity: S	T R	Lease:	
Name: API: Entity: S	T = R	Lease:	
Name: API: Entity: S '	T R	Lease:	
Name: API: S ' Name: API: Entity: S '	$\frac{\Gamma}{\Gamma} - \frac{R}{R}$	Lease:	
Name: API: Entity: S	$\stackrel{1}{T} \stackrel{R}{\longrightarrow} \stackrel{R}{R}$	Lease:	
Name: API: Entity: S	T R	Lease:	
OPERATOR CHANGE DOCUMENTATION			
(r649-8-10) Sundry or other legal documentation has been received from the form). (Rec'd 1.13.99)	e FORME	CR operator (attach to this
LDF-2. (r649-8-10) Sundry or other legal documentation has been received from form). (feta / /4-99)	n the NEV	V operator (A	Attach to this
The Department of Commerce has been contacted if the new operator wells in Utah. Is the company registered with the state? (yes/no)	above is no If yes, sho	ot currently o	perating any file number:
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been connote of BLM status in comments section of this form. BLM approval of changes should ordinarily take place prior to the division's approval, and through 9 below.	f Federal a	and Indian v	vell operator
5. Changes have been entered in the Oil and Gas Information System (327	0) for each	well listed a	bove.
Cardex file has been updated for each well listed above.			
7. Well file labels have been updated for each well listed above. (**)	Piling sy:	stem)	
8. Changes have been included on the monthly "Operator, Address, and According to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. 10, 90	unt Change Ĵ	es" memo foi	distribution
9. A folder has been set up for the Operator Change file, and a copy of reference during routing and processing of the original documents.	this page h	as been plac	ced there for
c:\dons\wpdocs\forms\operchng - OVER -			

Routing:

Division of Oil, Gas and Mining

OPERAT	OR CHANGE WORKSHEET (cont d) - Initial each item when completed. Write N is not applicable.
ENTITY	REVIEW
UM 1.	(r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
<u>WP</u> 2.	Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.
BOND V	/ERIFICATION - (FEE WELLS ONLY)
ЩА 1.	(r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2.	A copy of this form has been placed in the new and former operator's bond files.
3.	The FORMER operator has requested a release of liability from their bond (yes/no), as of today's date If yes, division response was made to this request by letter dated
LEASE	INTEREST OWNER NOTIFICATION OF RESPONSIBILITY
N/A 1.	Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19, of their responsibility to notify all interest owners of this change.
FILMIN	IG
<u>\$6</u> 1.	All attachments to this form have been microfilmed . Today's date: 8,3,99.
FILING	
1.	Copies of all attachments to this form have been filed in each well file.
2.	The original of this form, and the original attachments are now being filed in the Operator Change file.
COMM	ENTS
990514 Uppnv	1041 Message w/ Marju/B/m) regarding approval? 990601 Lec'd e-mail approval

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

?			5	
			5. Lease Designation and Serial Number: UTU02651A	
SUNDRY	Y NOTICES AND REPORT	S ON WELLS	6. If Indian, Allottee or Tribe Name:	
	posals to drill new wells, deepen existing wells, or to a LICATION FOR PERMIT TO DRILL OR DEEPEN form		7. Unit Agreement Name:	
1. Type of Well:			8. Well Name and Number:	
OIL GAS	OTHER:		USA Pearl Broadhurst #10	
 Name of Operator Citation Oil & Gas Corp. 			9. API Well Number: 43-047-30839	
Address and Telephone Number:			10. Field and Pool, or Wildcat:	
P.O. Box 690688, Houston,	Texas 77269-0688 (281) 517-719	4	Walker Hollow Green River	
4. Location of Well				
Footages: 2029' FSL & 1819			County: Uintah	
QQ, Sec., T., R., M.: NW SE ; \$	Sec. 9, T7S, R23E		State: UT	
11. CHECK APPRO	PRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPO	RT, OR OTHER DATA	
NOTICE O	F INTENT	SUBSEQU	JENT REPORT	
(Submit in	Duplicate)	(Submit Ori	iginal Form Only)	
Abandonment	New Construction	☐ Abandonment*	New Construction	
Casing Repair	Pull or Alter Casing	Casing Repair	Pull or Alter Casing	
Change of Plans	Recompletion		Shoot or Acidize	
	_ `	Change of Plans	=	
Conversion to Injection	☐ Shoot or Acidize	Conversion to Injection	∐ Vent or Flare	
Fracture Treat	☐ Vent or Flare	Fracture Treat	└l Water Shut-Off	
Multiple Completion	☐ Water Shut-Off	Other Return to Production	on	
Other				
		Date of work completion 11/7/00)	
Approximate date work will start		Report results of Multiple Completions and R COMPLETION OR RECOMPLETION AND LO	tecompletions to different reservoirs on WELL	
		* Must be accompanied by a cement verification		
		·	·	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) MIRU. ND WH / NU BOP. Pulled tubing; tagged PBTD @5309'. RIH with bit & drilled out cement and retainer to 5320'. Circ'd hole clean. Drilled out cement to 5493'. POOH and RIH with bit & scraper to 5450'. POOH and RU WLS. Ran GR-CCL 5490' - 4400'. Perforated 5252' \$3270' \$4 spf) and RD. Swab tested perfs and POOH. RIH with production tubing. ND BOP / NU WH. RIH with 2'' RHBC on rods. Well on production 4:00 PM 11/7/00. As of 11/9/00, well producing 11 BO & 334 BW in 24 hrs.				
	/			
13. Name & Signature:				
			· · · · · · · · · · · · · · · · · · ·	

(This space for State use only)

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

		BUREAU OF LAND MANAG	GEMENT		5. Lease S	erial l	√10.
SUNDRY NOTICES AND REPORTS ON WELLS			UTU026	UTU02651A			
	Do not use	this form for proposals to well. Use Form 3160-3 (API	drill or to re-ente	er an	6. If India	n, Allo	ottee or Tribe Name
	SUBMIT IN T	RIPLICATE - Other instru			7. If Unit	or CA	Agreement, Name and/or No.
1.	Type of Well ✓ Oil Well ✓ Gas We	11 Other			8. Well Na	ame a	ıd No.
2.	Name of Operator	II Unite			USA Per	arl B	roadhurst #10
	CITATION OIL & GA	S CORP.			9. API We		
3a.	Address		3b. Phone No. (in	iclude area code)	43-047-3		
	P.O. Box 690688, Houst	on, Texas 77269-0688	(281) 517-	7800	- ₿		ol, or Exploratory Area
4.		c., T., R., M., or Survey Description,			Walker 11. Count		ow Green River
	2029' FSL & 1819' FEI	L; Sec. 9, T7S, R23E; NW	SE				ty, Utah
	12. CHECK AI	PPROPRIATE BOX(ES) TO	INDICATE NAT	TURE OF NOTICE, F	EPORT, C	OR O	THER DATA
	TYPE OF SUBMISSION			TYPE OF ACTION			
$\overline{\Box}$	Notice of Intent	Acidize	Deepen	Production (Sta	rt/Resume)		Water Shut-Off
		Alter Casing	Fracture Treat	Reclamation			Well Integrity
\boxtimes	Subsequent Report	Casing Repair	New Construction	Recomplete		\boxtimes	Other Add perforations
_		Change Plans	Plug and Abandon	n Temporarily Ab	andon		
	Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal			
	Attach the Bond under which following completion of the intesting has been completed. I determined that the site is ready 1 MIRU. ND WH / NU Circ'd hole clean. Drill CCL 5490' - 4400'. Per	the work will be performed or proviously or recomplete horizontally the work will be performed or proviously dependent on the work will be performed or proviously dependent or final Abandonment Notices shall be for final inspection.) BOP. Pulled tubing; tagged led out cement to 5493'. Perforated 5252' - 5370' (4 spinwith 2" RHBC on rods. W	ride the Bond No. on results in a multiple of filed only after all od PBTD @5309 OOH and RIH v f) and RD. Swa	tile with BLM/BIA. Requompletion or recompletion requirements, including recompletion. I. RIH with bit & dwith bit & scraper to be tested perfs and PC	in a new intellamation, have been saled out 5450'. POOH. RIF	cem COH	a Form 3160-4 shall be filed once completed, and the operator has ent and retainer to 5320's and RU WLS. Ran GRach production tubing. NE
		Λ					en e
			10.46				Market Britania (1997) Paramatan
			py		29 A	in to	
14.	I hereby certify that the foregon Name (Printed/Typed) Debra Harris	ing is true and correct		uction/Regulatory C	oordinatoi	•	
	Signature Sellika	Harris	Date 11/1 (
	A STATE OF THE STA	THIS SPACE FO	OR FEDERAL OF	R STATE OFFICE USI		4.	par Mendelphi en var og en etter bligt. And Printis presiden (1910) at mendelphi.
	proved by			Title		Date	
certi	ditions of approval, if any, are ify that the applicant holds legath would entitle the applicant to	attached. Approval of this notice al or equitable title to those rights conduct operations thereon.	does not warrant or in the subject lease	Office	i		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

	5. Lease Designation and Serial Number: UTU 02651A				
SUNDRY NOTICES AND REPORT	S ON WELLS 6. If Indian, Allottee or Tribe Name:				
Do not use this form for proposals to drill new wells, deepen existing wells, or to Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN fon	re-enter plugged and abandoned wells.				
	8. Well Name and Number:				
1. Type of Well: OIL GAS OTHER:	USA Pearl Broadhurst #10				
2. Name of Operator	9. API Well Number:				
Citation Oil & Gas Corp.	43-047-30839				
3. Address and Telephone Number:	10. Field and Pool, or Wildcat:				
8223 Willow Place South, Suite 250, Houston, Texas 77070-5	523 (281) 469-9664 Walker Hollow Green River				
4. Location of Well	County: Uintah				
Footages: 2029 FSL & 1819 FEL	Titoh				
QQ, Sec., T., R., M.: NW SE SEC. 9-7S-23E					
11. CHECK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT, OR OTHER DATA				
NOTICE OF INTENT	SUBSEQUENT REPORT				
(Submit in Duplicate)	(Submit Original Form Only)				
Abandonment New Construction	Abandonment* New Construction				
	Casing Repair Pull or Alter Casing				
	Change of Plans Shoot or Acidize				
Change of Plans Recompletion					
Conversion to Injection Shoot or Acidize					
Fracture Treat Vent or Flare	Fracture Treat Water Shut-Off				
Multiple Completion Water Shut-Off	Other				
Other	Date of work completion				
Approximate date work will start Early 2001	WELL				
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form				
	* Must be accompanied by a cement verification report.				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) Citation Oil & Gas Corp. proposes to acid stimulate the above well with the attached procedure.					
13.					
Name & Signature: Sharon Ward Title: Regulatory Administrator Date: 2/19/01					
(This space for State use only)	ccepted by the				
Contaral Annimural Of This	tah Division of Gas and Mining CONTRACT TO CHEMEOR				

Action is Nacessary

PROPOSED ACIDIZING PROCEDURE PEARL BROADHURST #10 UINTAH COUNTY, UTAH (February 8, 2001)

OBJECTIVE:

Acidize Green River "J" & "K" perforations.

Perforated intervals:

Green River "H": 4670'-74', 4687'-92'

Green River "J": 5252'-62', 5258'-60', 5270'-81', 5272'-74' Green River "K": 5326'-31', 5342'-48', 5360'-64', 5366'-70'

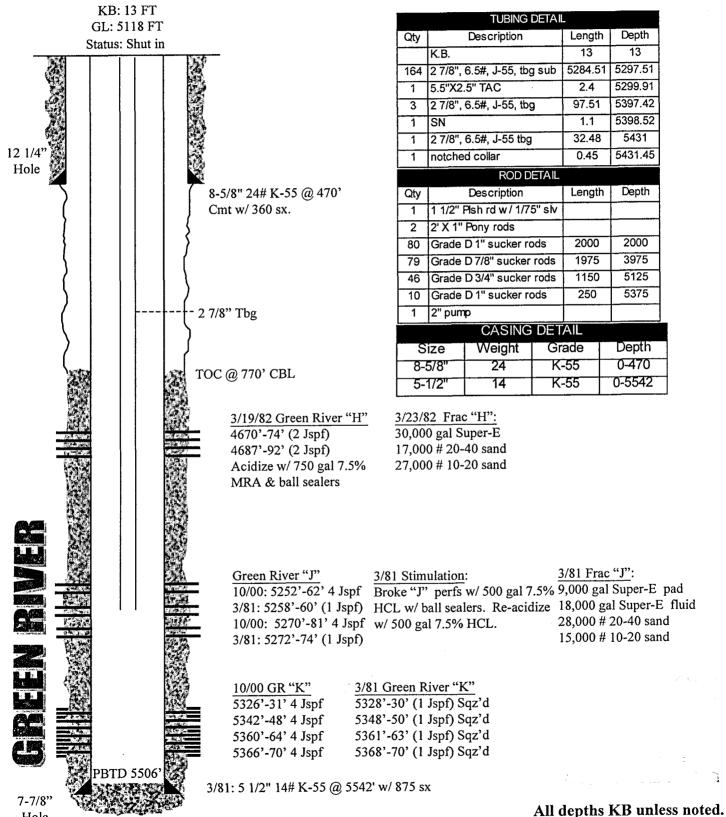
PROPOSED PROCEDURE:

- 1. MIRU Workover rig.
- 2. Bleed well down. ND Tree, NU BOPE.
- 3. Release tubing anchor. TOH w/ $2^{7}/8$ " tubing.
- 4. Hydrotest in hole w/ $5^{-1}/2$ " Baker Model "EA" Retrievable Packer. Set the packer at ± 5225 '. Swab test perfs (5252'-5370') to evaluate fluid entry.
- 5. Rig up Halliburton and acidize perfs (5252'-5370') w/ 4500 gallons 7 ½% HCl with diverter and additives as specified in Halliburton procedure. Displace with 35 bbls water. Swab back load volume or until pH=7. (Zones may be swab tested individually as directed).
- 6. Release the packer at 5225' and TOH.
- 7. RIH w/ 2 ⁷/₈" production tubing. ND BOP. RIH w/ pump and rods. NU Tree. Hang on horses head. Fill tubing. Space out pump. Pressure test to 500 psi. RDMO SU. Return well to production

CITATION OIL & GAS CORP. WALKER HOLLOW PEARL BROADHURST #10 (NW/SE) Sec. 9-T7S-R23E

UINTAH CO., UTAH

API:



Updated: 1-05-01 MW

Hole

TD: 5550

(12\92)

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

4	×
	"

5. Lease Designation and Serial Number:

		UTU02651A	
SUNDRY NOTICES AND REPORT	S ON WELLS	6. If Indian, Allottee or Tribe Name:	
Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		7. Unit Agreement Name:	
Type of Well: OIL GAS OTHER:		8. Well Name and Number: USA Pearl Broadhurst #10	
2. Name of Operator		9. API Well Number:	
Citation Oil & Gas Corp.		43-047-30839 10. Field and Pool, or Wildcat:	
 Address and Telephone Number: P.O. Box 690688, Houston, Texas 77269-0688 (281) 517-7194 	4	Walker Hollow Green River	
4. Location of Well		Wanter Honor Street	
Footages: 2029' FSL & 1819' FEL		County: Uintah	
QQ, Sec., T., R., M.: NW SE; Sec. 9, T7S, R23E		State: UT	
11. CHECK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPO	RT, OR OTHER DATA	
NOTICE OF INTENT	SUBSEQU	ENT REPORT	
(Submit in Duplicate)	(Submit Ori	ginal Form Only)	
Abandonment New Construction	Abandonment*	New Construction	
☐ Casing Repair ☐ Pull or Alter Casing	Casing Repair	☐ Pull or Alter Casing	
Change of Plans Recompletion	Change of Plans	Shoot or Acidize	
☐ Conversion to Injection ☐ Shoot or Acidize	Conversion to Injection	☐ Vent or Flare	
Fracture Treat Vent or Flare	Fracture Treat	── Water Shut-Off	
Multiple Completion Water Shut-Off	Other		
Other	Date of work completion 03/11/0	1	
Approximate date work will start			
	Report results of Multiple Completions and R COMPLETION OR RECOMPLETION AND LO	ecompletions to different reservoirs on WELL G form	
	* Must be accompanied by a cement verification	report.	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, an vertical depths for all markers and zones pertinent to this work.) MIRU; POOH with rods, pump & tubing. Set pkr @5206' & 7.5% HCl with additives & rock salt diverter down tubing. and TIh with production tubing, pump & rods. PT to 800 ps producing 21 BOPD with 1190 BWPD.	& swab tested perfs. SWI - SIT Displ'd to top perf with 2% KC	P 25#. RU & pumped 4500 gals l - ISIP 750#. Rel'd pkr, TOH	
13. Name & Signature: Debra Debra	Harris Title: Prod./Regulato	ory Coord. Date: 3/14/2001	
(This space for State use only)		Exercises as Something Alexander	
Control of the Contro		TALLEY OF White	

(See Instructions on Reverse Side)

MAG 15 3001